SIRAHMED75

ICT

COURSES

BOOK NOW

GRADE 4

GRADE 5

GRADE 6

BOOK QUICKLY IN GROUPS OR PRIVATELY

YOUR SUBSCRIPTION GUARANTEES YOU EXCELLENCE IN YOUR STUDIES AND
YOU CAN COMPETE FOR THE ICT CHAMPIONS LEAGUE TITLE - SEASON 1 - 2024
FOR INQUIRIES, CONTACT US ON WHATSAPP NUMBER 01004767201

SIR.AHMED75

BOOK NOW FOR SECOND TERM
TO GRADE 4,5 AND 6

ICT

CHAMPIONS LEAGUE

THE UNKNOWN WORLD

THE COMPETITION HAS BEGIN, TO PARTICIPATE
CONTACT US VIA WHATS APP: 01004767201

SIR. AHMED HAMDY

موجه مادة تكنولوجيا المعلومات والاتصالات ICT

احجز مقعدك الان

بكورسات اونلاين

عبر تطبيق زووم

للمدارس العربي واللغات

للصفوف

4 - 5 - 6

للحجز والاستعلام برجاء التواصل

على الواتس آب 01004767201

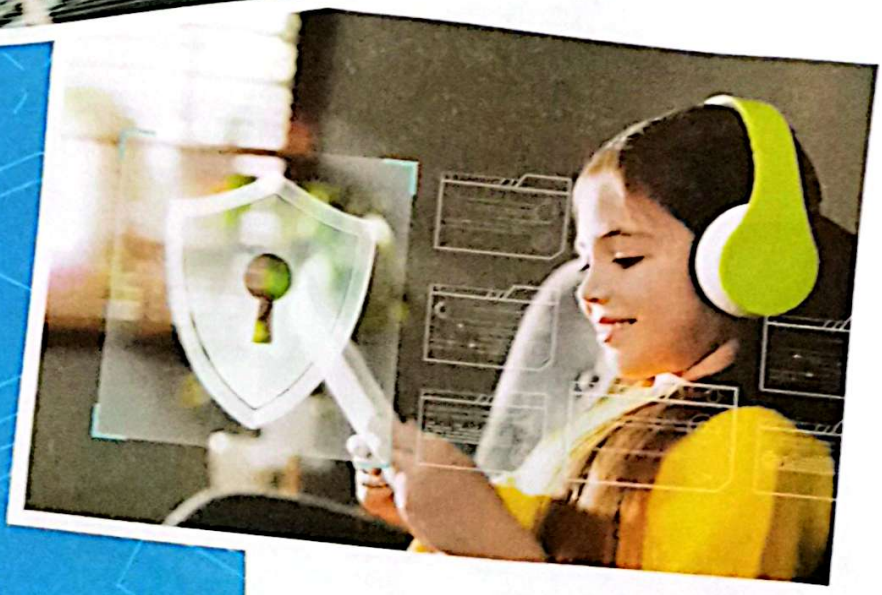
Part 1
Contents

Theme 1 :

The role of ICT in our live

Theme 2 :

Digital safety and security precautions



CamScanner

THEME 1 The role of ICT in our lives

▸ In this theme, you will learn about :

1. The evolution of technology
2. The components of computer systems
3. How technology can help people of determination
4. How explorers and archaeologists use technology to collect and analyze information, and report their findings

CamScanner

LESSON 1

Explorer in Action

Learn

Albert Lin is an Archaeologist. «ألبرت لين» عالِم آثار.

- He uses different tools to explore archaeological sites without digging.

  يستخدم «ألبرت لين» أدوات مختلفة لاستكشاف مواقع أثرية بدون تنقيب.

- The use of these tools is beneficial to archaeologists as sometimes they cannot dig.

  استخدام هذه الأدوات مفيد لعلماء الآثار لأنهم في بعض الأحيان لا يمكنهم الحفر.

There are many tools which Albert Lin can use

1. Photographs from drones

2. Photographs from satellites

3. GPS

explore	يكتشف	technology	تكنولوجيا	without digging	بدون حفر	satellites	أقمار صناعية
dig	يحفر / ينقب	archaeologist	عالم آثار	drone	طائرة بدون طيار	GPS	جهاز تحديد المواقع
sites	مواقع	beneficial	مفيد	archaeological	أثرى		

CamScanner

These tools can save

1. time

2. cost

3. effort

Archaeologists' tools

1 Locate things **above the ground**

GPS

Satellites

Drone

2 Locate things **under the ground**

Ground Penetrating Radar

Magnetometers

Pop Quiz

▶ **Choose the correct answer from a, b, c or d.**

1. Albert Lin uses ..... to locate things above the ground.
   - **a.** Ground Penetrating Radar
   - **b.** Magnetometer
   - **c.** GPS
   - **d.** b & c
2. The ..... is a tool to find things under the ground.
   - **a.** Computer
   - **b.** Ground Penetrating Radar
   - **c.** GPS
   - **d.** Drone
3. The archaeologists' tools save ..... .
   - **a.** cost
   - **b.** time
   - **c.** effort
   - **d.** all of them

time	وقت	cost	تكلفة	effort	جهد
scientist	عالم	engineer	مهندس	technology	تكنولوجيا
Ground Penetrating Radar	رادار مخترق للأرض	magnetometers	مقياس المغناطيسية	locate	تحديد

CamScanner

Let's focus on these tools

1 Ground Penetrating Radar (GPR)

This radar can discover objects buried underground.

طريقة يستخدم فيها الرادار لاكتشاف الأجسام المدفونة تحت الأرض.

2 Global Positioning System (GPS)

This is a way to find the location of something using satellites.

وسيلة لتحديد مكان شئ ما بواسطة الأقمار الصناعية.

3 Magnetometer

This measures a magnetic field. It can find metal underground.

جهاز يقيس المجال المغناطيسى يمكن استخدامه للعثور على المعادن فى باطن الأرض.

Pop Quiz

▶ **Choose the correct answer from a, b, c or d.**

1. ..... stands for Ground Penetrating Radar.
   a. ICT **b.** GPS **c.** GPR **d.** none of them

2. ..... is used to detect metal underground.
   a. Magnetometer **b.** Global Positioning System
   c. Drone **d.** GPS

3. Your friend sent the location of his address. This means he used ..... .
   a. Ground Penetrating Radar **b.** Magnetometer
   c. GPS **d.** Drone

objects	أشياء	location	موقع	underground	تحت الأرض
buried	مدفونة	magnetic field	مجال مغناطيسي		

CamScanner

Stop here !

نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.

استمع الى
ملخص الدرس

Lesson Summary

- Albert Lin is an explorer and archaeologist. ألبرت لين مستكشف وعالم آثار.
- He uses different tools to explore archaeological sites without digging.
  يستخدم أدوات مختلفة لاستكشاف المواقع الأثرية دون حفر.
- He can take photographs using satellites and drones.
  يمكنه استخدام الصور الفوتوغرافية من الأقمار الصناعية والطائرات بدون طيار.
- The archaeological tools save time, cost and effort.
  توفر أدوات علماء الآثار الوقت، التكلفة والجهد.
- To locate things under the ground use Magnetometers and GPR.
  لتحديد الأشياء تحت الأرض استخدام المقاييس المغناطيسية ورادار اختراق الأرض.
- To locate things above the ground use GPS, satellites and drones.
  لتحديد الأشياء فوق الأرض استخدام جهاز تحديد المواقع والأقمار الصناعية والطائرات بدون طيار.

How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Explorer in action	explorer - archaeologist	Albert Lin is an explorer and archaeologist.
	tools - time	There are many tools which Albert Lin can use to save time, cost and effort.
	GPS	This is a way to find the location of something using satellites.
	Satellites - drones	Satellites and drones are used to take pictures of different places.
	GPR	This radar can discover objects buried underground.
	magnetometer	Magnetometer measures a magnetic field. It can find metal underground.

CamScanner

General Exercises

On Lesson 1

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

🔵 ممتاز 🟢 جيد جدا 🟡 جيد 🔴 غير جيد

1. Previous Exams تدريبات من الامتحانات السابقة

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. The Ground Penetrating Radar device is used to find objects under the surface of the earth. [إدارة جهينة التعليمية - سوهاج] ( )
2. Magnetometer is used to discover metals underground. [إدارة العجمي- اسكندرية] ( )
3. The engineers relied on the magnetometer to locate the construction sites. [إدارة العجمي- اسكندرية] ( )
4. GPS is used to find the location of places you might need to visit. [إدارة المنيا- المنيا] ( )
5. Magnetometer is used to determine places via satellites. [إدارة دير مواس- المنيا] ( )
6. The Global Position System (GPS) is connected to satellites to determine locations. [المنيا - إدارة سمالوط] ( )
7. 🕮 The taxi driver relies on the GPS (Global Positioning System) device. [المنوفية - قويسنا] ( )
8. The tourist depends on the penetrating radar to locate the different places. [المنوفية - إدارة السادات] ( )

2 Choose from column (A) what suits it in column (B).

(A)	(B)
1. GPS [إدارة جهينة التعليمية - محافظة سوهاج]	☐ a. take photographs.
2. Magnetometer is used to	☐ b. discover metals underground.
	☐ c. helps to find the location of the places you want to visit. [إدارة جهينة التعليمية - سوهاج]

3 Choose the correct answer from a , b, c or d.

1. ..... is used to locate things via satellite. [المنوفية - شبين الكوم]
   a. GPR b. GPS c. Magnetometer d. Metal
2. 🕮 The ..... is used to detect old coins underground. [القاهرة - إدارة حدائق القبة]
   a. Magnetometer b. GPS c. GPR d. Drone

4 Complete the following sentences with the appropriate words between brackets.

(GPR – GPS - Magnetometer)

1. Tourists depend on ..... to determine the locations.
2. ..... is a device that detects metal underground.

CamScanner

2. El Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a, b, c or d.

1. Albert Lin is an ..... .
   a. explorer b. archaeologist c. engineer d. both (a) and (b)
2. By using the archaeological tool, we can save ..... .
   a. time only b. effort only c. time and effort d. none of them
3. 🕮 We use ..... to determine the locations.
   a. GPS b. GPR c. RAM d. magnetometer
4. ..... is used to discover objects buried underground.
   a. GPS b. GPR c. magnetometer d. IT system
5. The ..... measures a magnetic field. It can find metal underground.
   a. Magnetometer b. Satellite c. Drone d. GPS
6. 🕮 ..... is used to take photos above the ground.
   a. Magnetometer b. Satellites c. GPR d. ICT

6 Read and correct the words between brackets.

1. (Drones) are used for finding an object underground. (.....)
2. GPR stands for Ground Penetrating (System). (.....)
3. (GPS) is used to search for metals under the ground. (.....)
4. Albert Lin is an (engineer). (.....)
5. (GPN) stands for Global Positioning System. (.....)

7 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. Albert Lin uses modern technological tools. ( )
2. GPR is used to search for a specific location above the ground. ( )
3. Albert Lin is an archaeologist. ( )
4. 🕮 Drones are used to photograph specific places. ( )
5. Satellites are used underground. ( )
6. Archaeologists use one type of tools. ( )
7. Through using of technological tools, scientists have been able to save time, effort and cost. ( )

CamScanner

8 Complete the following sentences with the appropriate words between brackets.

(GPS - Magnetometer - GPR - Metal Detector)

1. ..... is an explorer.
2. ..... and ..... are from the archaeologist's equipment.
3. ..... is a way to find the location of something using satellites.

9 Read and complete.

Which tools help archaeologists locate things above the ground?

Which tools help archaeologists locate things below the ground?

(GPS – Ground Penetrating Radar – Magnetometer)

1. .....

Locate things above the ground

Archaeologists tools

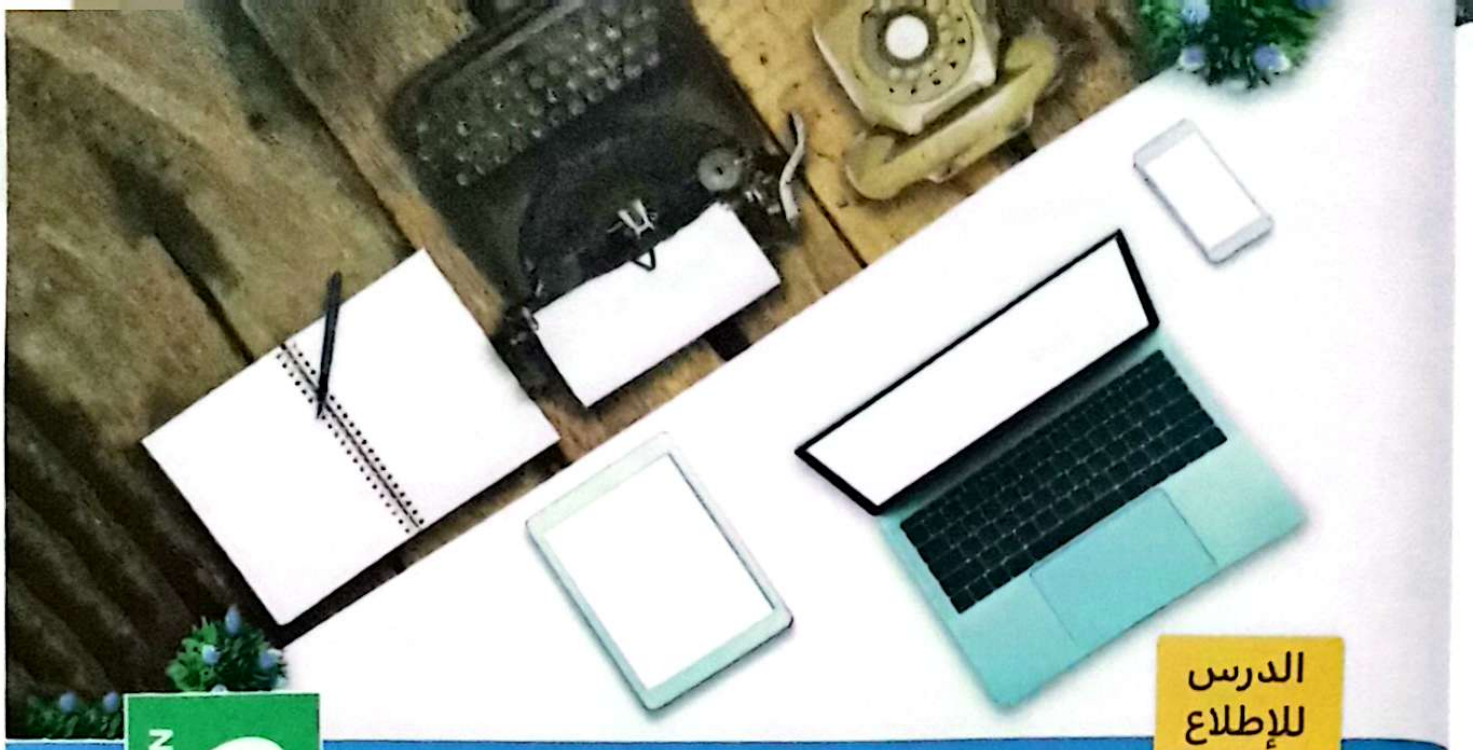
Locate things under the ground

2. .....

3. .....

10 Read and circle the correct one.

My parents are archaeologists. They use (Magnetometer / GPS) to find metals under the ground. While they need to find objects buried underground they use (GPR / GPS).



الدرس للإطلاع

LESSON 2

The evolution of technology

Learn

Technology has certainly come a long way! لقد قطعت التكنولوجيا مرحلة كبيرة جدًا فى التطور!

▶ **We have four ages of technology.** لدينا أربعة عصور من التكنولوجيا.

1 The Pre-Mechanical Age (3000 BCE – 1450 CE)

عصر ما قبل الثورة الميكانيكية

- People started to communicate through pictures like hieroglyphics and later by words and numbers.
  بدأت الشعوب بالتواصل بعضها مع بعض من خلال الصور والرسوم كما فى الكتابات الهيروغليفية، ثم بواسطة الأحرف والأرقام فى مرحلة لاحقة.

Hieroglyphics on papyrus

- People would record lots of information about agreements made.
  سجلت الشعوب من خلال تلك الكتابات الكثير من المعلومات حول الاتفاقات المبرمة.

- These documents are key to understand history.
  تشكل هذه الوثائق عنصرًا أساسيًا لفهم التاريخ.

- Many of them are now available online, such as on the Egyptian Knowledge Bank.
  إن الكثير فى هذه الوثائق متوفرة على شبكة الإنترنت، و الآن تجدون كالتى توجد على موقع بنك المعرفة المصرى

Egyptian Knowledge Bank
بنك المعرفة المصري

ages	عصور	communicate	يتواصل	hieroglyphics	اللغة الهيروغليفية
documents	وثائق	available	متاح	online	عبر الإنترنت

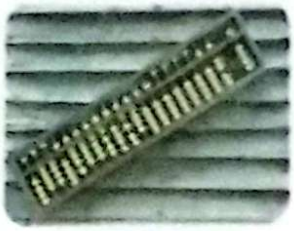
CamScanner

There are many inventions that appeared in this age.

pens and pencils
أقلام حاف و أقلام رصاص

paper
ورق

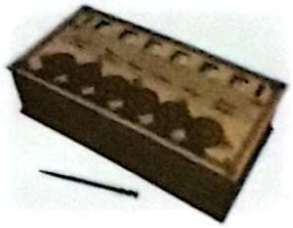
parchment
مخطوطات



abacus
العداد الرقمي القديم

2 The Mechanical Age (1450 - 1840)

عصر النورة الميكانيكية



The pascaline,
(an early calculator)

- People recorded a tremendous amount of information in this age.
  سجل الشعوب كمًا وافر جدًا من المعلومات في هذا العصر
- This led to a desire to make it easier to record and share.
  قد بشكل ذلك دافعًا لإيجاد وسائل مبتكرة لتسجيل المزيد من المعلومات ومشاركتها
- One invention was a printing process which made it easier to make books and another was the Pascaline which was an early calculator.
  شهدت تلك الفترة نشأة تكنولوجيا الطباعة التي أسهمت في تسهيل عملية طباعة الكتب. كذلك، تميزت تلك الفترة ببدء استخدام آلة باسكالين، وهي النسخة الأولى من الآلة الحاسبة

There are many inventions that appeared in this age.

Printing process (make books)
عملية الطباعة

Pascaline (an early calculator)
آلة باسكالين [آلة حاسبة قديمة]

Typewriter
آلة كاتبة

Printing machine
ماكينة طباعة بدائية

recorded سجل | tremendous هائل | desire رغبة (دافع)

Pop Quiz

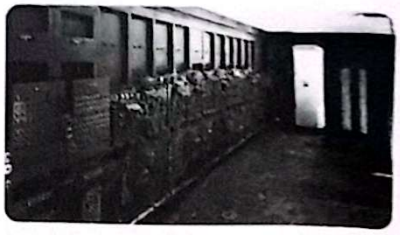
▸ **Choose the correct answer from a, b, c or d.**

1. People started to communicate through pictures like ..... in the Pre-Mechanical Age.
   a. Arabic **b.** English **c.** hieroglyphics **d.** French
2. ..... and parchment appeared in the Pre-Mechanical Age.
   a. Abacus **b.** Calculator **c.** Typewriter **d.** French
3. ..... is an early calculator.
   a. Pen **b.** Pascaline **c.** Pencil **d.** Parchment

3 The Electro-Mechanical Age (1840- 1940)

عصر الثورة الكهربائية - الميكانيكية

- It was the beginning of communication as we know it today.
  كانت بداية التواصل التى نعرفها الآن.
- During this age, electricity was first used.
  خلال هذا العصر تم استخدام الكهرباء لأول مرة.



An early digital computer

There are many inventions that appeared in this age.

telephone الهاتف

record player مشغل الإسطوانات

telephone lines
خطوط الهواتف

the first digital computer
أول جهاز كمبيوتر رقمى

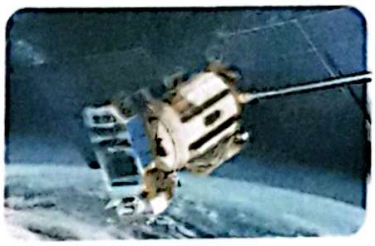
- The first digital computer was 8 feet high, 50 feet long, 2 feet wide, and weighed 50 tons!
  كان أول كمبيوتر رقمي بارتفاع ٨ أقدام ، طوله ٥٠ قدم، عرضه ٢ قدم ووزنه ٥٠ طنًا !

high ارتفاع wide عرض beginning بداية

CamScanner

4 The Electronic Age (1940 - present) عصر الثورة الإلكترونية

- This is considered the information explosion age.
  يعرف بعصر الثورة المعلوماتية.
- Inventions and improvements are happening, at a staggering pace. شهدت ظهور اختراعات وإنجازات بسرعة مذهلة.

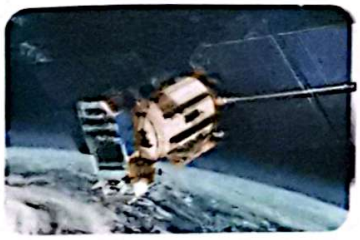


A satellite

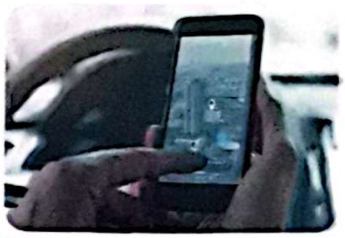
There are many inventions that appeared in this age.

❶ Inventions help us locate things.

اختراعات تساعدنا على تحديد مواقع الأشياء.



satellites
أقمار صناعية



GPS
جهاز تحديد المواقع

online maps
خرائط عبر الإنترنت

❷ Inventions help us to communicate with people around the world instantly using emails and instant messages.

اختراعات تساعدنا على التواصل مع أشخاص آخرين حول العالم كله بشكل فوري من خلال استعمال البريد الإلكتروني والرسائل النصية.

smartphone هاتف محمول

computer حاسب آلي

laptop حاسب آلي متنقل

Pop Quiz

▶ **Choose the correct answer from a, b, c or d.**

1. The ..... helps us to locate things.
   a. Telephone **b.** GPS **c.** Computer **d.** Drone
2. Record player appeared in the ..... age.
   a. Electronic **b.** Electro-mechanical **c.** Pre-mechanical **d.** Mechanical

explosion	انفجار	inventions	اختراعات	staggering	مذهل
locate	تحديد	instantly	فوراً	instant message	رسالة فورية

CamScanner

Stop here !

نقاط هامة وعبارات استرشادية تمكنك من تلخيص واتقان الدرس.

استمع إلى ملخص الدرس

Lesson Summary

- During the Pre-Mechanical Age people started to communicate through pictures
خلال عصر قبل الثورة الميكانيكية، بدأ الناس في التواصل من خلال الصور.
- People would record lots of information about agreements made through the Mechanical age. سجل الناس الكثير من المعلومات حول الاتفاقيات التي تمت خلال عصر الثورة الميكانيكية.
- There was a technology explosion in the Electronic Age.
كان هناك انفجار تكنولوجي في عصر الثورة الإلكترونية.
- The Electro-Mechanical Age was the beginning of communication as we know today.
كان عصر الثورة الكهربائية الميكانيكية بداية التواصل التي نعرفها الآن.
- The Electronic Age is considered the information explosion age.
يعتبر عصر الثورة الإلكترونية عصر انفجار المعلومات.

Dates	Ages of technology	Inventions
3000 BCE - 1450 CE	the Pre-Mechanical Age	pens, pencils, parchment, paper, abacus
1450-1840	the Mechanical Age	printing machine, calculator, typewriter
1840-1940	the Electro- Mechanical Age	telephone, telephone lines, record player the first digit computer.
1940 present	the Electronic Age	satellite, smart phone, online maps, word processor, GPS & laptop

How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	exam items
The evolution of technology	hieroglyphics	People started to communicate through pictures like hieroglyphics.
	recorded-tremendous	People recorded a tremendous amount of information in the Mechanical Age.
	digital computer	The first digital computer was 8 feet high, 50 feet long, 2 feet wide, and weighed 50 tons!
	staggering	Inventions and improvements are happening, at a staggering pace.
	instant message	Computers and laptops help us to communicate with people around the world instantly using email and instant message.
	explosion	There was a technology explosion in Electronic Age.
	pascaline	Pascaline machine is the first version of calculator.
	satellites-GPS	Satellites and GPS are important to locate things and communicate.
	laptop	The era of the electronic revolution was marked by the emergence ظهور of laptop.

CamScanner

General Exercises

On Lesson 2

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

🔵 ممتاز 🟢 جيد جدا
🟡 جيد 🔴 غير جيد

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. ..... is used in the Electronic Age. [الاسكندرية-العجمي ٢٠٢٣]
   a. Drawing letters b. Email c. Pascaline d. paper
2. Telephone and telephone lines are invented in ..... era. [الاسكندرية-المنتزه ٢٠٢٣]
   a. Electronic b. Mechanical
   c. Electro-mechanical d. Pre-Mechanical
3. 🕮 The ..... Age first invention was a printing process and pascaline. [الدقهلية ٢٠٢٣]
   a. Pre-Mechanical b. Electronic
   c. Mechanical d. Electro-Mechanical
4. GPS and Satellites were invented during ..... Age. [القاهرة-الشروق ٢٠٢٣]
   a. Mechanical b. Pre-Mechanical
   c. Electronic d. Electro-Mechanical

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. The pascaline is an example of technology from the Pre-Mechanical Age. ( ) [الشرقية-الشرقية ٢٠٢٣] [اسوان ٢٠٢٣]
2. Satellites appeared in the era of Mechanical Age. ( ) [الغربية-شرق المحلة ٢٠٢٣]
3. GPS helps us to locate things. ( ) [بني سويف-يبا ٢٠٢٣]

3 Complete the following sentences with the appropriate words in brackets.

(Pascaline machine - the Mechanical Age- laptops- calculators)

1. Pascaline machine is the first version of ..... . [الشرقية-كفر صقر ٢٠٢٣]
2. The era of Mechanical Age was characterized by ..... . [الدقهلية -ميت غمر ٢٠٢٣]
3. 🕮 The era of the Electronic explosion was characterized by the existence of ..... . [الدقهلية -منشية النصر ٢٠٢٣]
4. The Pascaline machine was invented in ..... . [الفيوم -غرب الفيوم ٢٠٢٣]

4 Match.

(A)	(B)
1. It is the first version of the calculator. [سوهاج -طهطا ٢٠٢٣]	☐ a. Pre-Mechanical Age.
2. Pens and pencils appeared in [اسيوط -القوصية ٢٠٢٣]	☐ b. the Egyptian knowledge Bank.
3. Many documents are available on [الاقصر ٢٠٢٣]	☐ c. Pascaline machine.

CamScanner

2. El Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a, b, c or d.

1. During ..... Age, people recorded a tremendous amount of information.
   a. Pre-Mechanical b. Mechanical c. Electro-Mechanical d. Electronic
2. The ..... Age was the beginning of communication as we know it today.
   a. Pre-Mechanical b. Mechanical c. Electro-Mechanical d. Electronic
3. ..... Age: This is considered the information explosion age.
   a. Electronic b. Mechanical
   c. Electro-Mechanical d. Pre-Mechanical
4. 🕮 Pascaline is the first machine of ..... .
   a. printing b. writing c. calculating d. painting
5. Printing books appeared in the ..... Age.
   a. Pre-Mechanical b. Mechanical c. Electro-Mechanical d. Electronic
6. Electricity was first invented in ..... Age.
   a. Pre-Mechanical b. Mechanical
   c. Electronic d. Electro-Mechanical

6 Put (✓) in front of the correct sentence and (×) in front the wrong one.

1. The first digital computer was produced in the Electronic Age. ( )
2. The first computer was 8 feet high and 50 feet long. ( )
3. 🕮 Pascaline helps us locate things and communicate with people around the world. ( )
4. The ancient people communicated with each other via pictures and symbols. ( )
5. The Mechanical Age is known as "information age". ( )
6. The Mechanical Age precedes (يسبق) Pre-mechanical. ( )
7. Books appeared because of the invention of printing machines in the electronic age. ( )

7 Read and correct words between brackets.

1. People started to communicate through hieroglyphics in the (Electronic) Age. (.....)
2. Electricity was first used in (Mechanical) Age. (.....)
3. Smartphones and laptop appeared in the (Pre-Mechanical) Age (.....)

قم بتلوين الدائرة باللون المناسب لمستواك.

CamScanner

Revision

on Lessons 1 & 2

مراجعة عامة على الدرسين الأول والثاني في ورقة واحدة

Lesson 1 : Explorer in Action

Albert Lin

- Albert Lin is an explorer and archaeologist.
- He uses different tools to explore archaeological sites without digging.
- He uses photographs from satellites and drones.
- He uses these tools to save time, cost and effort.

Lesson 2 : The evolution of technology

(3000 BCE – 1450CE)

The Per-Mechanical Age

- People started to communicate through pictures.
- Many of them are now available online.
- There are many inventions appeared such as paper, abacus, pen, pencils and parchment.

(1450 – 1840)

The Mechanical Age

- People recorded a tremendous amount of information.
- There was a technology explosion.
- There are many inventions appeared such as printing process that helped to make books, pascaline, typewriter and printing machine.

CamScanner

Accumulative Test

On Lessons 1 & 2

اختبار تراكمى على الدرسين الأول والثانى

1 Choose the correct answer from a, b, c or d.

1. During the ..... Age, people started to communicate through pictures.
   a. Pre-Mechanical b. Mechanical c. Electro-Mechanical d. Electronic
2. Pascaline appeared during the ..... Age.
   a. Pre-Mechanical b. Electronic
   c. Mechanical d. Electro-Mechanical
3. Using technological tools helps archaeologists to explore ..... .
   a. new people b. archaeological sites
   c. satellites d. plants
4. The ..... Age is known as information Age.
   a. Pre-Mechanical b. Mechanical
   c. Electronic d. Electro-Mechanical

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. The ancient people communicated with each other via pictures and symbols. ( )
2. GPR is used to search for a specific location above the ground. ( )
3. Archaeologists rely on two types of tools (above ground, underground). ( )
4. EKB (Egyptian Knowledge Bank) a source of trusted online information. ( )

3 Complete the following sentences with the appropriate words between brackets.

(Laptops - Electro-Mechanical - Electronic - Mechanical)

1. Printing processes appeared in the ..... Age.
2. Electricity was used for the first time in ..... Age.
3. ..... , Satellites and GPS appeared in the Electronic Age.

4 Read and write the name of the device.

1. It's used to find the location using satellite. (.....)
2. This measure a magnetic field to find metal underground. (.....)
3. This can discover objects underground. (.....)

يمكنك المراجعة باستمرار (تراكمية)
من خلال الصفحة السابقة.

CamScanner

LESSON 3

Components of computer systems

Learn

The Computer is an electronic device for processing data.

هو جهاز إلكترونى يعمل كمعالج للبيانات.

We can use the computer to :

1. store information and process it تخزين المعلومات واسترجاعها
2. write documents كتابة الوثائق
3. play games لعب الألعاب
4. send emails كتابة رسائل بريد إلكترونى
5. browse the internet تصفح الإنترنت
6. edit or create data tables تحديد وإنشاء جداول بيانات
7. make presentations using PowerPoint عمل عروض تقديمية باستخدام برنامج [باوربوينت]
8. make and watch videos عمل ومشاهدة الفيديوهات

device	جهاز	browse	تصفح	restore	استعادة	data	بيانات
store	تخزين	processing	معالجة	edit	تعديل	documents	وثائق

CamScanner

Types of computers

- The shape of the computer and its components differ according to the device's model and its manufacturing date.

يختلف شكل الكمبيوتر ومكوناته حسب طراز الجهاز وتاريخ الإصدار.

1. laptop
كمبيوتر محمول

2. tablet
جهاز لوحي

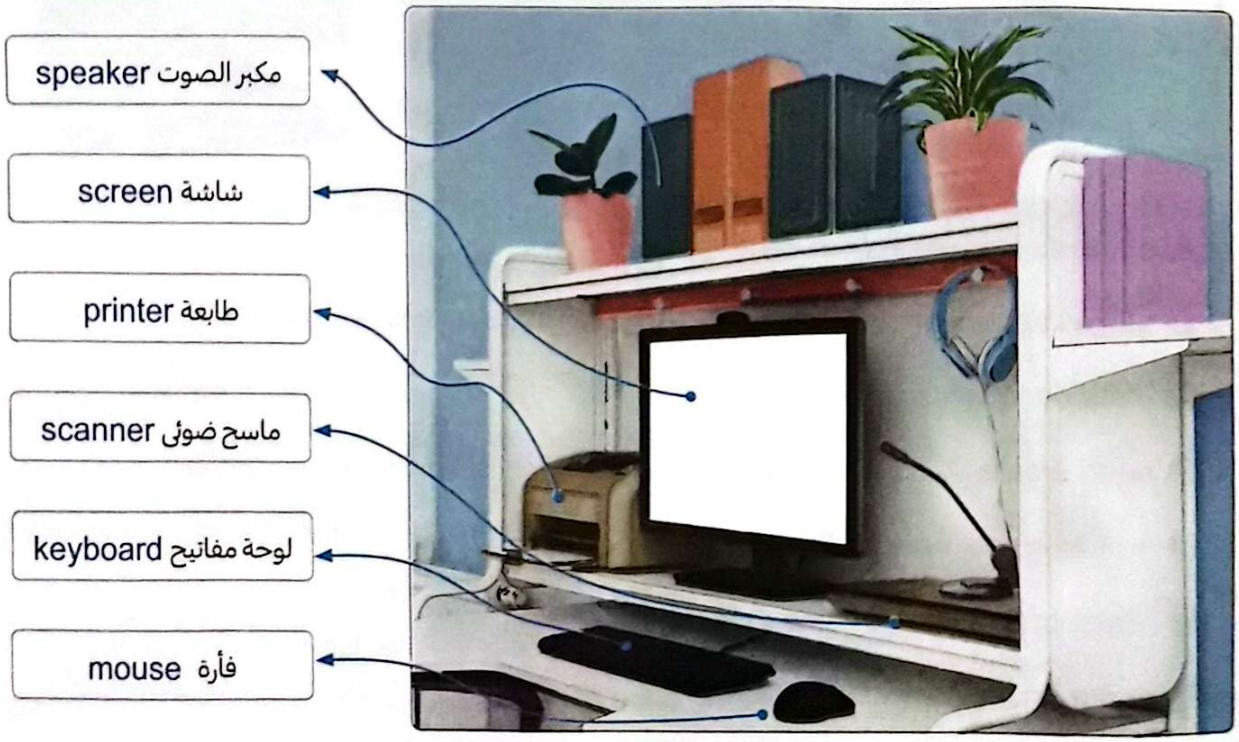
3. personal computer
كمبيوتر شخصي

- There are devices that are turned on and used via touch.

هناك أجهزة يتم تشغيلها واستخدامها عن طريق اللمس.

Computer and its components

الكمبيوتر ومكوناته

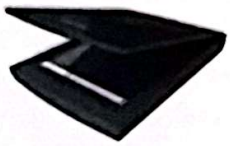


CamScanner

We divide computer hardware into input and output device.

نقسم أجهزة الكمبيوتر إلى جهاز إدخال وإخراج.

1 Input devices أجهزة الإدخال

Component المكون	Function and input data الوظيفة والبيانات المدخلة
1 keyboard	- to type on and to tell the computer what to do - للكتابة وإخبار الكمبيوتر بما يجب القيام به - write letters and numbers - كتابة الحروف والأرقام
2 mouse / touchscreen	- we can move things easily with mouse - يمكننا نقل الأشياء بسهولة من خلال الفأرة - directional data - اتجاه بيانات
3 microphone	- to allow people to input sound and music للسماح للناس لإدخال الصوت والموسيقى
4 camera	- people can see you - يمكن للناس أن تراك - images or videos - الصور أو الفيديوهات
5 scanner 	- text and images from paper نص وصور من الورق

Pop Quiz

▸ **Choose the correct answer from a, b, c or d.**

1. We use a ..... to write letters and numbers.
   a. scanner **b.** mouse **c.** keyboard **d.** camera
2. We can move things easily using ..... .
   a. mouse **b.** camera **c.** microphone **d.** scanner

type	كتابة	tell	يخبر	move	يتحرك
hear	يسمع	images	صور	text	نص

CamScanner

2 Output devices أجهزة الإخراج

Component المكون	Function and input data الوظيفة والبيانات المدخلة
1 screen	- shows us what we and the computer are doing. توضح لنا ما نقوم به نحن والكمبيوتر - visual information : text, images and video معلومات بصرية : نصوص وصور وفيديو
2 speaker	- to hear others لسماع الآخرين - audio سمعي
3 Braille terminal	- text in Braille for blind people نص بطريقة برايل للمكفوفين - convert letters into prominent symbols يحول الحروف إلى رموز بارزة
4 speech synthesizer	- to convert texts to speech يحول النصوص إلى أصوات - audio سمعي
5 printer	- text and images on paper نص وصور على الورق

- Users can connect devices in the wrong way or use them incorrectly which produces an error, so be careful when connecting devices to your computer.
يمكن للمستخدمين توصيل الأجهزة بطريقة خاطئة أو استخدامها بشكل غير صحيح ، الذى ينتج عنه خطأ ، لذا كن حريصًا عند توصيل الأجهزة بالكمبيوتر.

Pop Quiz

▶ **Choose the correct answer from a, b, c or d.**

1. We use a ..... to hear other people.
   a. screen **b.** speaker **c.** printer **d.** mouse
2. The ..... shows us what we and the computer are doing.
   a. Braille terminal **b.** speech synthesizer **c.** screen **d.** keyboard

show	يظهر / يبين	wrong/error	خطأ	speech synthesizer	مركب الكلام
blind	كفيف	information	معلومات	audio	صوتي
prominent	بارز	produce	ينتج	Braille	طريقة برايل

CamScanner

Stop here !

نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.

استمع الى ملخص الدرس

Lesson Summary

- The computer is an electronic device for processing data.
  الكمبيوتر هو جهاز إلكتروني لمعالجة البيانات.
- The computer can store information, restore it and process it.
  يمكن لجهاز الكمبيوتر تخزين المعلومات واستعادتها ومعالجتها.
- We can use a computer to write documents. يمكننا استخدام الكمبيوتر لكتابة الوثائق.
- We can use a computer to send emails. يمكننا استخدام الكمبيوتر لإرسال رسائل البريد الإلكتروني.
- We divide computer hardware into input and output devices.
  نقسم الكمبيوتر إلى أجهزة إدخال وإخراج.
- We use a keyboard to type. نستخدم لوحة المفاتيح للكتابة.
- The speakers allow us to hear other people. تمكننا السماعات من سماع الآخرين.

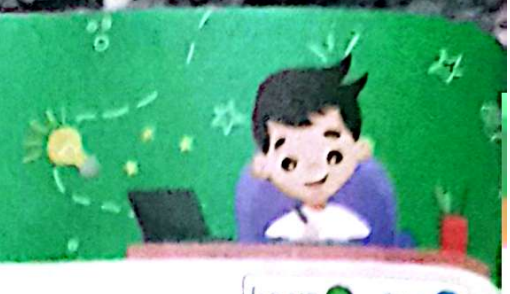
How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Components of computer system	send – emails	- We can use a computer to send emails.
	shape – differ – manufacturing	- The shape of the computer differ according to the device's model and its manufacturing date.
	keyboard – type	- We can use a keyboard to type on and how you to tell the computer what to do.
	microphone – input	- We can use microphone to allow people to input sound.
	Braille terminal – blind	- We can use Braille terminal to write a text in Braille for blind people.

CamScanner

General Exercises
On Lesson 3



▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. ..... is a way that converts letters into prominent symbols that can be read by touching. [بنى سويف - الواسطى ٢٠٢٣]
   a. Internet b. Speech synthesizer c. Braille d. Speakers
2. The ..... allows us to output the text and images on paper. [البحيرة - التحرير ٢٠٢٣]
   a. printer b. scanner c. speaker d. screen
3. 🕮 One of the devices that you need to type on the computer is the ..... . [البحيرة - الدلنجات ٢٠٢٣]
   a. keyboard b. microphone c. speakers d. camera
4. The computer is used for ..... . [القاهرة ٢٠٢٣]
   a. writing documents b. sending e-mail
   c. both (a) and (b) d. non of them
5. 🕮 You can move things easily with the ..... . [الجيزة - أوسيم ٢٠٢٣]
   a. screen b. mouse c. microphone d. speakers
6. All of the following are input units except the ..... . [الاسكندرية - العجمي ٢٠٢٣]
   a. mouse b. keyboard c. screen d. camera

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. A computer is a machine processing data into valuable information. It also has the ability to store and retrieve them. [بنى سويف - الواسطى ٢٠٢٣] ( )
2. The scanner is used to print images from your computer on paper. [الإسماعيلية ٢٠٢٣] [الجيزة - أبو النمرس ٢٠٢٣] ( )
3. 🕮 Braille transforms letters into prominent symbols that can be read by touching. [الجيزة - أبو النمرس ٢٠٢٣] ( )
4. The screen is an output device. [أسيوط - البدارى ٢٠٢٣] ( )

3 Complete the following statements with appropriate words in brackets.

(microphone – screen – computer – keyboard)

1. The ..... enables you to write letters and numbers. [البحيرة - إبتاى البارود ٢٠٢٣]
2. The ..... enables you to enter sounds into computer. [الجيزة - الحوامدية ٢٠٢٣]
3. 🕮 The ..... is an electronic device that receives data and process it into information. [الجيزة - ٦ أكتوبر ٢٠٢٣]
4. The ..... displays photos and videos. [الجيزة - كرداسة ٢٠٢٣]

CamScanner

4 Match.

(A)	(B)
1. It's used to input sounds (الجيزة - كرداسة ٢٠٢٢)	a. scanner.
2. It is used to input texts and images from paper into the computer. (الجيزة - أبو النمرس ٢٠٢٢)	b. keyboard.
3. It enables me to write letters and numbers. (الجيزة - البدرشين ٢٠٢٢)	c. microphone.

2. El-Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a, b, c or d.

1. If you want to write on the computer, you need a ..... .
   a. keyboard b. mouse c. printer d. camera
2. The computer ..... shows what you and the computers do.
   a. screen b. keyboard c. scanner d. none of them
3. ⚿ The device which is used in typing text with Braille for blind people is the ..... .
   a. braille terminal b. keyboard c. screen reader d. mouse
4. To listen to music, we need ..... .
   a. a mouse b. speakers c. a screen d. a printer
5. You can use computer to ..... .
   a. play games b. browse internet c. both of them d. none of them
6. ⚿ A ..... is used to print the text and images on paper and considered one of the output units.
   a. speaker b. screen c. printer d. mouse

6 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

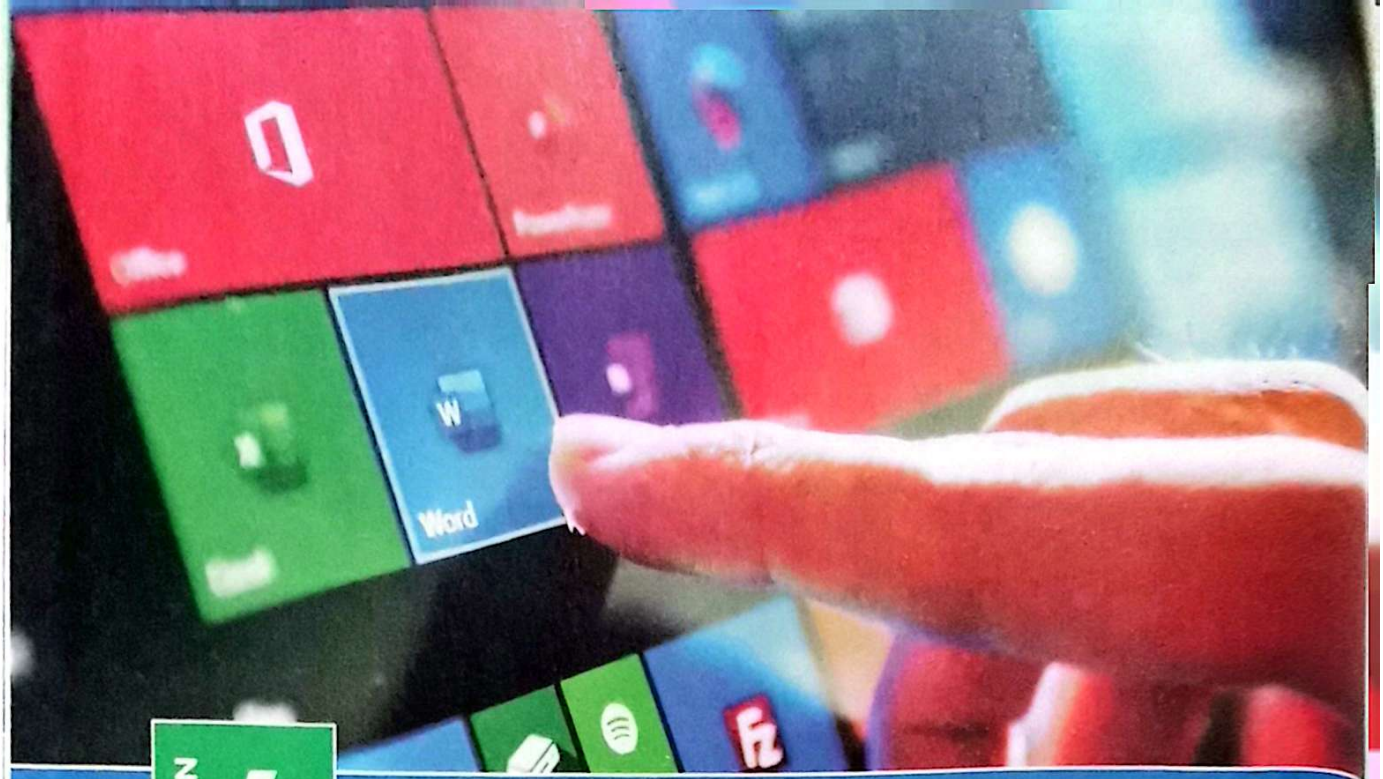
1. The shape of the computer differs according to the device's model and the manufacturing date. ( )
2. ⚿ A laptop is like a personal computer in all components. ( )
3. We use microphones in chat programs to input the sound. ( )
4. Speakers are one of the output units. ( )

7 Read and write the device.

1. We use it to type and to tell the computer what to do. (.....)
2. It's used to print images from your computer on paper. (.....)
3. We use them to hear others. (.....)
4. We can use it to write a text in Braille for blind people. (.....)

قم بتلوين الدائرة باللون المناسب لمستواك.

CamScanner



LESSON 4

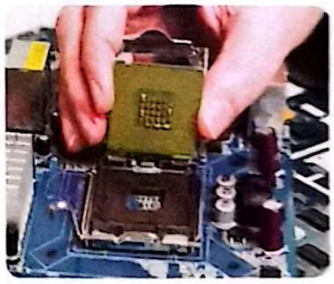
Software and operating systems

Learn

We use our devices to play games, write notes, and go on the internet.

نستخدم أجهزتنا للعب الألعاب، كتابة الملاحظات وتصفح الإنترنت.

The central processing unit (CPU)



- The CPU is a type of hardware.

  وحدة المعالجة المركزية هى واحدة من المكونات المادية للحاسب الآلى.

- It controls what and how data is processed.

  تتحكم فى نوع وكيفية معالجة البيانات.

- It processes data and converts it to useful information.

  تقوم بمعالجة البيانات وتحويلها إلى معلومات مفيدة.

Computer components

Hardware	Operating systems	Application software
CPU keyboard / screen	Windows Android	gaming apps PowerPoint Microsoft Word Google chrome browser

type	نوع	processed	معالجة	convert	تحويل
useful	مفيد	control	يتحكم		

CamScanner

Operating system نظام التشغيل

- It enables us to use our computer.

يمكننا من استخدام الكمبيوتر.

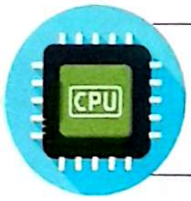
- Windows and Android are the most famous operating system.

يعتبر ويندوز واندرويد من أشهر نظم التشغيل.

The diagram below shows how data is processed in Microsoft© Word.

A student writes in Microsoft© Word.

The operating system sends data to the CPU.



The CPU processes the data.

The CPU sends information to the operating system.

The operating system receives the information and shows it on the screen.

Pop Quiz

▶ **Choose the correct answer from a, b, c or d.**

1. The ..... is a type of hardware.

a. GPR **b.** GPS **c.** CPU **d.** windows

2. Operating system enables us to use the ..... .

a. computer **b.** mouse **c.** scanner **d.** books

receive	يستقبل	enable	يُمكن	famous	مشهور
diagram	رسم بياني	show	يبين	operating system	نظام التشغيل

CamScanner

Stop here !

نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.

استمع إلى ملخص الدرس

Lesson Summary

- We can use our computer devices to play games. نستخدم أجهزة الكمبيوتر للعب الألعاب.
- The CPU is a type of hardware. وحدة المعالجة المركزية هى نوع من المكونات المادية للحاسب الآلى.
- The CPU controls what and how data is processed.
  وحدة المعالجة المركزية تتحكم فى نوع وكيفية معالجة البيانات.
- The operating system enables us to use our computer.
  نظام التشغيل يمكننا من استخدام الكمبيوتر.
- Windows and Android are the most famous operating system.
  يعتبر الويندوز والاندرويد من أشهر أنظمة التشغيل.

How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Software & operating systems	controls – data	- CPU controls what and how data is processed.
	converts – information	- CPU processes data and converts it to useful information.
	enables – use	- Operating system enables us to use our computers.
	famous – system	- Windows and Android are the most famous operating system.
	sends – CPU	- The operating system sends data to the CPU.

CamScanner

General Exercises

On Lesson 4

▸ If you get 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. ..... is considered from the hardware components of computer.
   a. PowerPoint b. Browser
   c. CPU d. Microsoft Word (الإسكندرية - المديرة ٢٠٢٣)
2. Word processing program like Microsoft Word, is a type of ..... .
   a. information b. hardware c. software d. games (الدقهلية ٢٠٢٣)
3. The component responsible for entering the data to the computer is the ..... .
   a. printer b. speaker c. keyboard d. ROM (الدقهلية - دكرنس ٢٠٢٣)
4. 🕮 One of the devices that word processing software needs to write on your computer is the ..... .
   a. keyboard b. printer c. speaker d. hardware (الدقهلية - مدينة النصر ٢٠٢٣)
5. Windows is one of the most popular ..... .
   a. applications b. operating systems
   c. program languages d. hardware (القاهرة - المعصرة ٢٠٢٣)

2 Put (✓) in front of correct sentence and (×) in front of the wrong one.

1. CPU is a type of software. ( ) (الدقهلية - ميت غمر ٢٠٢٣) / (المنيا ٢٠٢٣)
2. The operating system is necessary to run the computer. ( ) (الشرقية - ههيا ٢٠٢٣)
3. 🕮 The CPU processes and sends information to the operating system. ( ) (البحيرة - إبتاى البارود ٢٠٢٣)

3 Complete the following sentences with appropriate words in brackets.

(operating system – software – CPU)

1. ..... is used to process data. (الإسكندرية - العجمى ٢٠٢٣)
2. Microsoft Word is a type of ..... but CPU is a type of hardware. (الدقهلية -ميت النصر ٢٠٢٣)

4 Match.

(A)	(B)
1. Windows is a famous (البحيرة - ٦ أكتوبر ٢٠٢٣)	☐ a. the CPU.
2. The operating system sends data to (الأقصر ٢٠٢٣)	☐ b. and shows it on the screen.
3. The operating system receives the information (قنا - دشنا ٢٠٢٣)	☐ c. operating system.

CamScanner

2. El Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a, b, c or d.

1. ..... program is used for writing reports.
   a. Paint b. Microsoft Word c. Powerpoint d. Android
2. The CPU is one of the computer ..... .
   a. software b. operating systems c. hardware d. Powerpoint
3. 🕮 The operating system receives the information from CPU and shows it on the ..... .
   a. keyboard b. screen c. mouse d. scanner
4. Microsoft Word is a type of computer ..... .
   a. software b. operating system c. hardware d. RAM

6 Put (✓) in front of correct sentence and (×) in front of the wrong one.

1. Windows is one of the most famous computer operating systems. ( )
2. CPU is used to process information and convert it into data. ( )
3. 🕮 Screen and mouse are types of computer programs (software). ( )

7 Look and complete.

- **Write the following words in the correct column.**

(CPU - Android - Google Chrome - Keyboard - PowerPoint - Windows)

Hardware	Operating system	Application software
.....	.....	.....
.....	.....	.....

8 Read and write the name of the app.

1. It's a type of hardware that processes the data. (.....)
2. It receives the information and shows it on the screen. (.....)
3. They're the most famous operating systems. (.....)
4. It's a type of computer hardware. (.....)

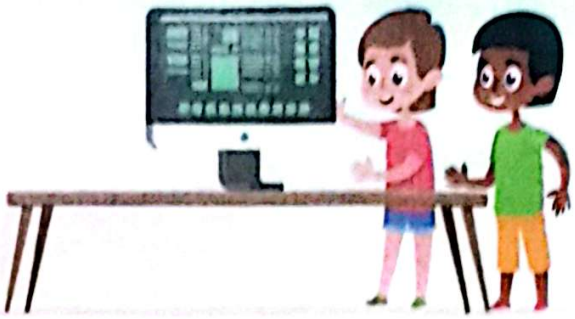
قم بتلوين الدائرة باللون المناسب لمستواك.

CamScanner

Revision

on Lessons 3 & 4

مراجعة عامة على الدرسين الثالث والرابع فى ورقة واحدة.



Lesson 3 : Components of computer systems

Computer and its components input and output devices

1 Keyboard
- type on the computer.
- and how you tell the computer what to do.

2 Speaker
- to hear others.

3 Printer
- text and images on paper.

4 Mouse
- move things easily.
- directional data.

5 Camera
- for people to see you.

6 Microphone
- to input sound.

7 Screen
- shows as what we and the computer are doing.

8 Scanner
- text and images from paper.

Lesson 4 : Software and operating systems

The diagram below

- Shows how data is processed in Microsoft© word.

A student writes in Microsoft© Word.

The operating system sends data to the CPU.

The CPU processes the data.

The CPU sends information to the operating system.

The operating system receives the information and shows it on the screen.

CamScanner

Accumulative Test

On Lessons 1,2,3 & 4

اختبار تراكمى على الدروس من الدرس الأول للدرس الرابع.

1 Choose the correct answer from a, b, c or d.

1. If you want to write on the computer, you need a ..... .

   a. keyboard b. mouse c. printer d. screen

2. 🕮 ..... is used by blind people to read.

   a. Braille terminal b. Keyboard c. Screen reader d. Camera

3. You can use the computer to ..... .

   a. play games b. store files

   c. browse the internet d. all of them

4. ..... is used to send data to the CPU.

   a. RAM b. The Operating System

   c. The keyboard d. scanner

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. 🕮 Windows is one of the most famous computer operating systems. ( )
2. A laptop is like a personal computer in all components. ( )
3. Keyboard, mouse, touch screen and camera are devices for inputting data to the computer. ( )
4. Google chrome is used to input data to the computer. ( )
5. Drones are used to photograph specific locations. ( )

3 Read the function and write the component.

1. It's used to print a text and images. (.....)
2. It's used to send data to the CPU. (.....)
3. It's a hardware unit that help to input letters and numbers. (.....)
4. It's used by blind people to read. (.....)

يمكنك المراجعة باستمرار (تراكمية) من خلال الصفحة السابقة.

CamScanner

LESSON 5

Supporting people of determination

Learn

Assistive Technology. التكنولوجيا المساعدة.

- It's a special kind of technology that helps people of determination with tasks that they find difficult. نوع خاص من التكنولوجيا يساعد أصحاب الهمم على أداء المهام التي قد يجدونها صعبة.

1 Albert Lin ألبرت لين

- He has a limb difference, but he doesn't let that stop him from exploring many places around the world.
لديه قطع في أحد أطرافه ولكن هذا لم يمنعه من اكتشاف الكثير من الأماكن في العالم.
- He uses a prosthetic leg that enables him to move and explore new places.
يستخدم ساقاً صناعية تمكنه من التحرك واستكشاف أماكن جديدة.

2 Stephen Hawking ستيفن هوكينج

- He was a famous scientist. هو عالم مشهور.
- He used assistive technology to help him communicate. استخدم تقنية مساعدة تمكنه من التواصل.

limb	طرف	explore	يكتشف	communicate	يتواصل
assistive technology	تقنية مساعدة	famous	مشهور	scientist	عالم

CamScanner

There are many types of assistive technology

1 Screen magnification software برمجيات تكبير الشاشة

- It enlarges everything on computer screen from words to images.
  يكبر كل شيء على شاشة الكمبيوتر بداية من الكلمات والصور
- It allows these with poor vision to interact with computer. يسمح لذوي الرؤية الضعيفة بالتعامل مع الكمبيوتر

2 Hearing aids سماعات الأذن الطبية

- Hearing aids help people who have trouble hearing.
  تساعد سماعات الأذن الطبية الأشخاص الذين يعانون من مشاكل في السمع.
- Models can now be connected to a person's mobile devices. يمكن الآن توصيل النماذج بجوال الشخص.
- Users can adjust their hearing aids using their phones.
  يمكن للمستخدمين ضبط السماعات الطبية باستخدام هواتفهم.

3 Alternate communication software برمجيات التواصل البديلة

- They help people with speech and language disabilities communicate with others.
  تساعد برامج الاتصال البديلة الأشخاص الذين يعانون من صعوبة في النطق واللغة على التواصل مع الأخرين.
- Some computer programs can turn text to speech and speech to text.
  يمكن لبعض برامج الكمبيوتر أن تحول الخطاب السماعي إلى نص والنص إلى خطاب سماعي.

enlarge		poor	تكبير	vision	ضعيف	رؤية	
interact		trouble	يتفاعل	adjust	مشكلة	تعدّل / يضبط	
alternate		speech	بديل	disabilities	خطاب سماعي	إعاقات	

CamScanner

4 Sporting tools الأدوات الرياضية

- Paraclimbing tools allow climbers with limb difference to climb mountains.

أدوات تسلق لذوى الهمم تسمح للذين فقدوا أحد أطرافهم بتسلق الجبال.

- They help with ordinary and extraordinary activities examples :

تساعد في الأنشطة العادية والغير عادية على سبيل المثال.

1. A football that makes noise.

١. كرة قدم التى تصدر صوتًا.

2. A handbike with three wheels and is powered by hand.

٢. دراجة يدوية بثلاث عجلات وتعمل باليد.

3. Running blades. ٣. شفرات الجرى.

5 Speech synthesizer آلة النطق

- It changes the words into an artificial voice so people can hear what I want to say.

تغير الكلمات إلى صوت اصطناعى حتى يستطيع الناس سماع ما أريد أن يقول.

6 Prosthetic devices أجهزة الأطراف الصناعية

- They help people who have lost their limbs to move.

تساعد الأشخاص الذين فقدوا أطرافهم على الحركة.

paraclimbing	تسلق بالمظلات	mountain	جبل	ordinary	عادى
extraordinary	غير عادى	noise	ضوضاء	wheels	عجلات
change	تغيير	artificial	صناعى	voice	صوت

CamScanner

General Exercises
On Lesson 5

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. Technology that helps people of determination to carry out their daily tasks easily is called ..... . [القصوم - غرب القصوم ٢٠٢٣]

   a. magnetometer b. assistive technology
   c. operating system d. software

2. Alternative communication software helps people with ..... disabilities. [الحجرة - إسنا- الأقصر ٢٠٢٣]

   a. speech b. movement c. seeing d. hearing

3. 🕮 A ..... helps people of determination (of a missing limb) to practice their daily life. [الإسماعيلية ٢٠٢٣]

   a. prosthetic leg b. keyboard c. camera d. Hearing aid

4. The ..... help people who suffer from hearing problems. [الحجرة - الدلنج ٢٠٢٣]

   a. hearing aids b. operating system c. GPS d. handbikes

2 Put (✓) in front of correct sentence and (✗) in front of the wrong one.

1. Albert Lin uses a prosthetic leg that enables him to talk and communicate. ( ) [الشرقية ٢٠٢٠]

2. Hearing aids are one of the prosthetic devices for people with hearing disabilities. ( ) [بني سويف - ببا ٢٠٢٣]

3. 🕮 Screen magnification software is an assistive technology. ( ) [الدقهلية ٢٠٢٣]

4. Assistive technology is a technology that helps people of determination go about their daily lives. ( ) [الحجرة - البدرشين ٢٠٢٣]

3 Complete the following sentences with appropriate words in brackets.

(assistive – Football – Stephen Hawking)

1. ..... is a scientist. [بني سويف ٢٠٢٣]

2. People of determination use different kinds of ..... technology [أسوان ٢٠٢٣]

3. ..... players can use a ball that make noise. [الغربية - شرق المحلة ٢٠٢٣]

CamScanner

4 Match.

(A)	(B)
1. Assistive technology [المنوفية - قويسنا ٢٠٢٣]	☐ a. Prosthetic device.
2. Person with a limb difference can use [السويس ٢٠٢٣]	☐ b. is used by people of determination to do daily work.

2. El-Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a, b, c or d.

1. ..... software enlarges everything on a computer.
   a. Hearing aids b. Screen Magnification
   c. Sport tool d. Running blades
2. Albert Lin has a limb difference and he uses ..... .
   a. prosthetic leg b. hearing aids
   c. none of them d. both of them
3. 🕮 ..... helps people with speech and language disabilities communicate with others.
   a. Sporting tools b. Hearing aids
   c. Alternate communication software d. prosthetic leg
4. Stephen Hawking was a famous scientist who used assistive technology to help him to ..... with others.
   a. communicate b. play c. eat d. need

6 Put (✓) in front of correct sentence and (✗) in front of the wrong one.

1. Hearing aids is a software enlarges everything on a computer. ( )
2. Paraclimbing tools allows climbers with limb difference to climb mountains. ( )
3. 🕮 Stephen Hawking was a famous archaeologist. ( )

7 Read and circle the correct one.

My cousin has trouble hearing. He uses **(hearing aid / sports tool)** to help him. Models can now be connected to a person's **(computer / mobile device)**. So, he always use his phone.

قم بتلوين الدائرة باللون المناسب لمستواك.

CamScanner

LESSON 6

Common ICT problems and solutions

Learn

ICT tools

computer
حاسب آلي

tablet
كمبيوتر لوحي

laptop
حاسوب محمول

The importance of ICT tools

أهمية أدوات تكنولوجيا المعلومات والاتصالات.

1. They help you do a lot of tasks. يساعدك على القيام بالكثير من المهام.
2. Research of information online. البحث عن المعلومات عبر الانترنت.
3. Writing school reports and homework using Microsoft Word.

كتابة التقارير المدرسية والواجب المنزلي باستخدام برنامج مايكروسوفت ورد.

tools	أدوات	tasks	مهام	research	بحث
report	تقرير	homework	واجب منزلي	online	عبر الإنترنت

CamScanner

Some technological problems and solutions

بعض المشاكل التكنولوجية وحلولها.

Problem 1

An app won't open.

تطبيق لا يفتح

Solution

Restart your computer and try again.

إعادة تشغيل الكمبيوتر والمحاولة مرة أخرى.

What happened if :

1. The app still won't open.
إذا عدم فتح التطبيق.
→ Check that your software is up to date. تأكد من أن البرنامج مُحدث.

2. You still have problems.
إذا كنت لا تزال تواجه مشكلات.
→ Uninstall and reinstall the app.
قم بإلغاء التطبيق وإعادة تثبيته.

3. You cannot solve the problem.
إذا لم تتمكن من حل المشكلة.
→ Ask your teacher or family for help. اطلب المساعدة من معلمك أو عائلتك.

Problem 2

The mouse cursor isn't working.

مؤشر الفأرة لا يعمل

Solution

Make sure you connect the mouse cable to the correct place in the motherboard then restart your device.

تأكد من توصيل كابل الفأرة بالمكان الصحيح في اللوحة ثم أعد تشغيل الجهاز.

What happened if :

1. The problem isn't solved.
إذا لم يتم حل المشكلة.
→ There might be a defect in the mouse so you might replace it.
يمكن ان يكون هناك عيب في الفأرة لذلك يمكنك أن تستبدلها.

2. You cannot solve the problem.
إذا لم يتم حل المشكلة.
→ Ask your teacher or family for help. طلب المساعدة من معلمك أو عائلتك.

restart إعادة التشغيل | defect عيب | reinstall إعادة التثبيت | cursor مؤشر
uninstall إلغاء التثبيت | again مرة أخرى | up to date محدث

CamScanner

Problem 3

You can't find a file.

لا يمكنك العثور على ملف

Solution

Check your downloads folder.

تحقق من مجلدات التنزيلات

What happened if :

1. You're looking for a Microsoft Word file. إذا كنت تبحث عن ملف ورد → Look in your Documents folder. ابحث في مجلد الوثائق

2. You're looking for a photo. إذا كنت تبحث عن صورة → Look in your pictures folder. ابحث في مجلد الصور

Try doing a search using the search box next to the start button.

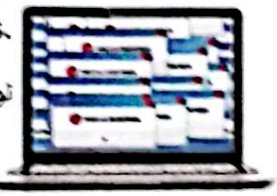
حاول إجراء بحث باستخدام مربع البحث الموجود بجوار زر البدء

3. You cannot solve the problem. إذا لم تتمكن من حل المشكلة. → Ask your teacher or family for help. اطلب المساعدة من معلمك أو عائلتك.

Problem 4

Your screen freezes.

توقف الشاشة عن العرض



Solution

Press and hold the "Ctrl"," Alt", and "Del" buttons together

اضغط مع الاستمرار على "ctrl" , "Alt" , "Del" معًا.

What happened if :

1. this option doesn't work. إذا كان هذا الخيار لا يعمل → Try to power off your computer and restart. حاول إيقاف تشغيل جهاز الكمبيوتر الخاص بك وإعادة التشغيل.

2. you cannot solve the problem. إذا لم يتم حل المشكلة. → Ask your teacher or family for help. طلب المساعدة من معلمك أو عائلتك.

check	فحص	folder	مجلد	look for	بحث		
button	زر	solve	يحل	press	يضغط		

CamScanner

Problem 5

The keyboard isn't typing.

عدم التمكن من الكتابة على لوحة المفاتيح

Solution

Make sure you connect the keyboard cable to the correct place in the motherboard then restart your device.

تأكد من توصيل كابل لوحة المفاتيح بالمكان الصحيح في اللوحة ثم أعد تشغيل الجهاز.

What happened if :

1. The problem isn't solved. إذا لم يتم حل المشكلة. → There might be a defect in the keyboard and you might need to replace it.

قد يكون هناك عيب في لوحة المفاتيح وربما تحتاج إلى استبدالها.

2. If you can't solve the problem. إذا لم يتم حل المشكلة. → Ask your teacher or family for help. طلب المساعدة من معلمك أو عائلتك.

Pop Quiz

▸ **Read and write.**

Solution	Problem
1. Press and hold the "Ctrl", "Alt", and "Del" buttons.	.....
2. Do a search using the search box next to the Start button.	.....
3. Restart your computer and try opening it again.	.....
4. Uninstall and reinstall the app.	.....

make sure تأكد correct صحيح place مكان

CamScanner

Stop here !

نقاط هامة وعبارات استرشادية تمكنك من تلخيص واتمام الدرس.

استمع الى ملخص الدرس

Lesson Summary

- A computer, tablet and laptop are ICT tools.
  الحاسب الآلى والكمبيوتر اللوحي والكمبيوتر المحمول من أدوات تكنولوجيا المعلومات.
- ICT tools help us do a lot of tasks.
  تساعدنا أدوات تكنولوجيا المعلومات والاتصالات على القيام بالكثير من المهام.
- If an app won't work, uninstall and reinstall it.
  إذا لم يعمل التطبيق، فقم بإلغاء تثبيت التطبيق وإعادة تثبيته.
- If the mouse cursor doesn't work, there might be a defect in the mouse.
  إذا لم يعمل مؤشر الفأرة، فقد يكون هناك عيب في الفأرة.
- If we can't find file, try to do a search using the search box.
  إذا لم تتمكن من العثور على ملف ، فحاول إجراء بحث باستخدام مربع البحث.
- If the screen freezes, try to power off the computer and restart.
  إذا لم تعمل الشاشة ، فحاول إيقاف تشغيل الكمبيوتر وإعادة التشغيل.
- If the keyboard isn't typing, make sure you connect the cable in the correct place in the motherboard.
  إذا لم تعمل لوحة المفاتيح ، تأكد من أنك قمت بتوصيل لوحة المفاتيح من المكان الصحيح فى اللوحة.

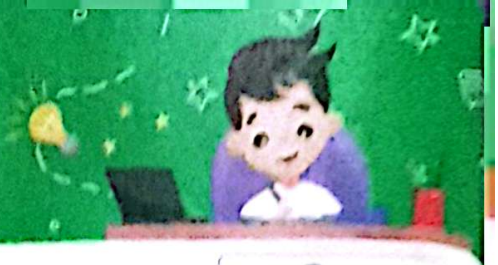
How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Common ICT problems and solutions	reports - homework	You can write school reports and homework using Microsoft Word.
	restart	If the app won't open, restart your computer and try again.
	cursor	If the mouse cursor isn't working, make sure you connect the mouse cable to the correct place in the motherboard then restart your device.
	folder	If you can't find a file, check your downloads folder.
	screen – freezes	If your screen freezes, press and hold the Ctrl, Alt, and Del buttons together.
	solve	If you cannot solve the problem, ask your teacher or family for help.
	keyboard	If the keyboard isn't typing, there might be a defect in the keyboard.
	uninstall - reinstall	If the app won't open, uninstall and reinstall the app.
	research	ICT tools help us to make research of information online.
	computer	Try to power off your computer if your screen freezes.

CamScanner

General Exercises
On Lesson 6



▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. If the ....., make sure the keyboard cable is connected or not. [القاهرة - الشروق ٢٠٢٣]
   a. mouse isn't working b. app won't open
   c. screen freezes d. keyboard isn't working

2. 🕮 To find a file on your computer, you need to ..... .
   a. shut down your computer b. use the search box
   c. press Del +Alt d. replace the mouse [المنوفية - شبين الكوم ٢٠٢٣]

3. Press and hold the "Ctrl" + " Alt" + " Del" buttons when ..... [الجيزة - ٦ أكتوبر ٢٠٢٣]
   a. the screen freezes b. you can't find a file
   c. an app won't open d. the keyboard isn't working

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. If you can't find a file, you should restart your computer. [القاهرة - شرق مدينة نصر ٢٠٢٣] ( )
2. Restarting the device helps solve some problems. [الإسماعيلية ٢٠٢٣] ( )
3. 🕮 If the keyboard doesn't work, you must use the search box. [الجيزة - كرداسة ٢٠٢٣] ( )

3 Match.

(A)	(B)
1. Responsible for closing computer applications. [سوهاج - طهطا ٢٠٢٣]	☐ a. uninstall and reinstall the app.
2. If an app won't open, [المنوفية - السادات ٢٠٢٣]	☐ b. try to Power off your computer.
3. If your screen freezes, [الدقهلية ٢٠٢٣]	☐ c. Ctrl + Alt + Delete

4 Complete the following sentences with appropriate words in brackets.

(ICT tools – your screen freezes – restart the device)

1. If you couldn't open an application, you should ..... . [القاهرة - الزيتون ٢٠٢٣]
2. The computer, the laptop and the tablet are ..... . [الجيزة - كرداسة ٢٠٢٣]
3. Press and hold Ctrl + Alt + Del buttons if ..... . [البحيرة - التحرير ٢٠٢٣]

CamScanner

2. El Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a, b, c or d.

1. The ..... is from the ICT devices.
   a. mobile b. laptop c. both (a) and (b) d. handbike
2. To solve the problem if the screen freezes, press..... at the same time.
   a. Ctrl + Shift + Delete b. Ctrl + Alt + Delete
   c. Home Button d. Folder
3. 🕮 We use the ..... to find a file or folder on the computer.
   a. Search box b. internet browser c. printer d. app

6 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. The ICT tools can help you to do one task only. ( )
2. The tablet and laptop considered ICT tools for gaming only. ( )
3. We can use computers to write reports and play games. ( )

7 Read and tick (✓) the correct solution.

1. My app still won't open.
   ☐ Shut down your computer.
   ☐ Check that your software is up to date.
2. 🕮 My mouse cursor isn't working.
   ☐ Check the mouse connection to the cable and restart the device.
   ☐ Press and hold the "Ctrl" , "Alt" and "Del" together
3. My keyboard isn't tying.
   ☐ There might be a defect in it and you might need to replace it.
   ☐ Check your downloads folder.

قم بتلوين الدائرة باللون المناسب لمستواك.

CamScanner

Revision

on Lessons 5 & 6

مراجعة عامة على الدرسين الخامس والسادس فى ورقة واحدة.

Lesson 5 : Supporting people of determination

Albert Lin

- Albert Lin has a limb difference.
- He uses a prosthetic leg that enables him to move and explore new places.

Stephen Hawking

- Stephen Hawking was a famous scientist.
- He used assistive technology to help him communicate.

Types assistive technology

Hearing aids	help people who have trouble hearing.
Screen magnification software	enlarges everything on a computer screen.
Speech synthesizer	changes the words into an artificial voice.
Prosthetic devices	help people who have lost their limbs to move.
Sporting tools	help with ordinary and extraordinary activities.

Lesson 6 : Common ICT problems and solutions

ICT tools

computer - tablet - laptop

The importance:

- Help us do a lot of tasks.
- Writing school reports.
- Research of information online.
- Play games.

Problem 1

If an app won't open

- Restart your computer and try again.
- Check that your software is up to data.
- Uninstall and reinstall the app.
- Ask your teacher or family for help.

CamScanner

Accumulative Test

On Lessons 1, 2, 3, 4, 5 & 6

اختبار تراكمي على الدروس من الدرس الأول للدرس السادس.

1 Choose the correct answer from a, b, c or d.

1. Albert Lin has a limb difference and he uses ..... .
   a. assistive technology
   b. hearing aids
   c. both (a) and (b)
   d. handbikes

2. To solve the problem of screen freezes, press ..... at the same time.
   a. Ctrl + Shift + Delete
   b. Ctrl + Alt + Delete
   c. Home Button
   d. none of them

3. By using the archaeological tool, we can save ..... .
   a. time only
   b. effort only
   c. time and effort
   d. none of them

4. ..... helps people who have trouble hearing.
   a. Alternate communication
   b. Hearing aids
   c. Sporting tools
   d. handbike

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. The tablet and laptop are considered ICT tools. ( )
2. Assistive technology helps people of determination. ( )
3. Hearing aid is a software that enlarges everything on a computer. ( )

3 Read and circle the correct usage of the following.

1. Prosthetic devices
   - to change the words into artificial voice.
   - to help people who have lost their limb.

2. Microphone
   - to write letters and numbers.
   - to allow people to input sound and music.

3. Drones
   - find the location
   - take photographs using satellite.

يمكنك المراجعة باستمرار (تراكمية) من خلال الصفحة السابقة.

CamScanner

LESSON 7

Collecting, analyzing and graphing data

Learn

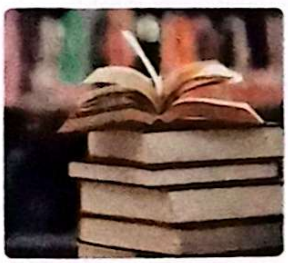
- Scientists and archaeologists can search to solve problems.
  - يمكن للعلماء وعلماء الآثار البحث لحل المشاكل.
- They collect, analyze and graph data.
  - يقومون بجمع البيانات وتحليلها ورسمها البياني.
- Below are some ways to collect, analyze and graph data.
  - فيما يلي بعض الطرق لجمع البيانات و تحليلها ورسمها البياني.

1 Collecting Data جمع البيانات

You can collect data from a variety of sources such as:

يمكنك جمع البيانات من مجموعة متنوعة من المصادر مثل :

books and articles (digital or print)	records (logs and reports)	surveys	experiments
الكتب و المقالات [رقمية أو مطبوعة]	التسجيلات [السجلات والتقارير]	استطلاعات الرأي	التجارب



collect جمع analyze تحليل data بيانات

- The information you are collecting should be accurate.
  - يجب أن تكون المعلومات التى تقوم بجمعها دقيقة.
- Always be sure to use sources that can be trusted.
  - تأكد دائما من استخدام المصادر الموثوق بها

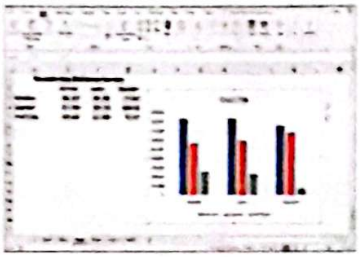
2 Analyze Data تحليل البيانات

- When you analyze the data you've collected, you should : عندما تقوم بتحليل البيانات التى جمعتها ، يجب عليك :
  1. review your findings مراجعة النتائج الخاصة بك
  2. interpret what those findings mean تفسير ما تعنيه هذه النتائج

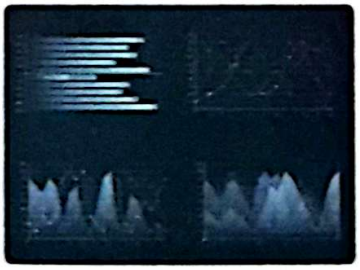
- The best way to interpret a lot of data is to look for trends in the information.
  قد يكون لديك الكثير من البيانات. أفضل طريقة لتفسير الكثير من البيانات. هى البحث عن الأنماط المتكررة فى المعلومات.

3 Graph الرسوم البيانية

- A common graph is a bar graph.
  الرسم البيانى الشائع هو شريط الرسم البيانى.



- Bar graphs present and compare different categories of information. الرسوم البيانية تعرض وتقارن بين فئات المعلومات المختلفة.



- You can draw graphs on paper, or make them on a computer using a software like Excel.
  يمكنك رسم الرسوم البيانية على الورق ، أو جعلها على جهاز كمبيوتر باستخدام برنامج مثل الأكسيل.

review	مراجعة	interpret	تفسير	trusted	موثوق
compare	يقارن	different	مختلف	categories	فئات
bar graph	شريط الرسم البياني				

Example

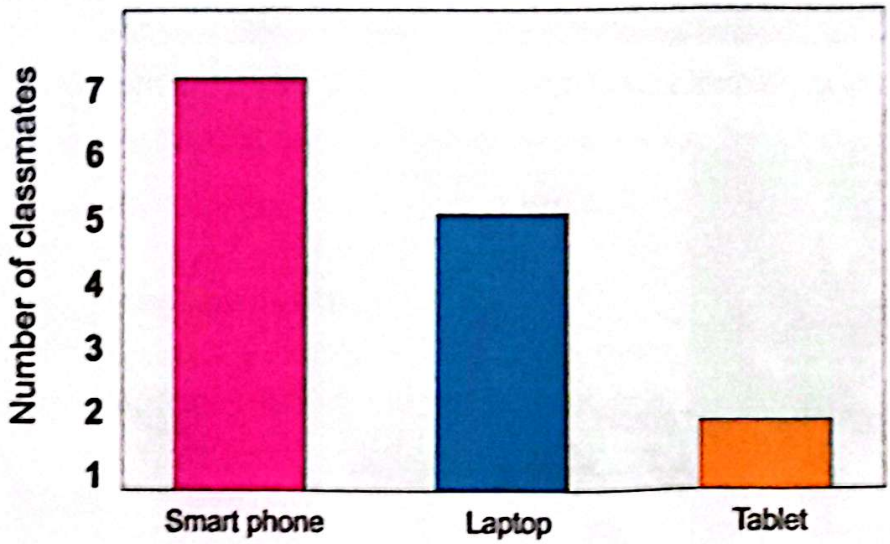
Nesma interviewed her classmates about what their favorite devices were. In total, she interviewed 14 classmates.

She collected their answers and sorted them into groups.

This is the information she analyzed:

- Seven classmates said their favorite device was a smartphone.
- Five students said their favorite device was a laptop.
- Two students said their favorite device was a tablet.

After Nesma analyzed the information, she graphed it:



Pop Quiz

▸ **Choose the correct answer from a, b, c or d.**

1. Scientists and archaeologists can ..... to solve problems.
   a. interact b. learn c. search d. ask
2. The ..... is the most common graph.
   a. bar graph b. Excel c. application d. information

CamScanner

Stop here !

استمع لـ ملخص الدرس

Lesson Summary

- Scientists and archaeologists can search to solve problems.

يمكن للعلماء وعلماء الآثار البحث لحل المشاكل

- You can collect data from a variety of sources such as books, articles and surveys.

يمكنك جمع البيانات من مجموعة متنوعة من المصادر مثل الكتب ، المقالات و استطلاع الرأي

- When we analyze the data we've collected, we should review our findings.

عندما نقوم بتحليل البيانات التي نقوم بجمعها يجب مراجعة النتائج

- A common graph is a bar graph. الرسم البياني الشائع هو شريط الرسم البياني

- Bar graphs present and compare different categories of information.

الرسوم البيانية توضح (تعرض) وتقارن بين فئات المعلومات المختلفة

How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان

Topic	Guiding words	Exam Items
Collecting, analyzing, and graphing data	search	Scientists and archaeologists can search to solve problems.
	collect data	You can collect data from a variety of sources such as : books, articles, records, surveys and experiments.
	analyze	When you analyze the data you've collected, you should review your findings and interpret what those findings mean.
	interpret	The best way to interpret a lot of data is to look for trends in the information.
	graph	You can draw graphs on paper, or make them on a computer using software like Excel.
	categories	Bar graphs present and compare different categories of information.
	trusted	Always be sure to use sources that can be trusted.
	bar graph	A common graph is a bar graph.

CamScanner

General Exercises
On Lesson 7

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

ممتاز 🔵 جيد جدا 🟢
جيد 🟡 غير جيد 🔴

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. Before you show your results on charts, you should ..... .
   a. share it online with others
   b. analyze them
   c. remove them
   d. delete them

[القاهرة - حدائق القبة ٢٠٢٣] / [القاهرة - الساحل ٢٠٢٣]

2. 🕮 You can collect data from many sources like ..... . [القاهرة - الشروق ٢٠٢٣]
   a. keyboard
   b. GPS
   c. books
   d. both a & c

3. The best way to collect information is getting it from ..... . [البحيرة - إبتاى البارود ٢٠٢٣]
   a. facebook
   b. whats app
   c. books
   d. non of them

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. 🕮 A graph is a good way to display and compare results. [الإسكندرية - العجمى ٢٠٢٣] ( )
2. You can collect data from many different sources. [الدقهلية - دكرنس ٢٠٢٣] / [المنيا - المنيا ٢٠٢٣] ( )
3. We can analyze data in order to organize it in a graph. [الشرقية - ٢٠٢٣] ( )
4. To reach accurate results, you must use social sites. ( )

3 Complete the following sentences with appropriate words in brackets.

(trusted - Bar graphs - collect)

1. You can ..... data from a variety of sources. [المنوفية - قوسينا ٢٠٢٣]
2. 🕮 We should make sure to use sources that can be ..... [البحيرة - الدلنجات ٢٠٢٣]
3. ..... compare different categories of information. [سوهاج - طهطا ٢٠٢٣]

2. El-Moasser Exercises تدريبات كتاب المعاصر

4 Choose the correct answer from a, b, c or d.

1. Once you have analyzed the information you collected, you are ready to ..... the information.
   a. collect
   b. graph
   c. analyze
   d. remove

CamScanner

2. When you analyze the data you've collected, you should ..... your findings.
   a. review b. research c. write d. collect
3. A ..... is a common graph for representing information.
   a. bar graph b. pie graph c. table d. both of them
4. The best program that allows to create graph is ".....".
   a. Paint program b. Notepad c. Excel program d. none of them
5. 🕮 The best way to interpret a lot of data is to look for ..... in the information.
   a. trends b. unknown c. missed d. removed

5 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Scientists and archaeologists can collect their data from a variety of sources such as surveys and experiments. ( )
2. 🕮 Through bar graphs, you can't present different categories of information. ( )
3. Collecting data is a step of solving any problem. ( )
4. When collecting data, always be sure to use trusted sources. ( )
5. There are two types of books printed and digital. ( )

6 Read and write the name of the step.

1. The information you are collecting from variety of sources. (.....)
2. 🕮 It present and compare different categories of information. (.....)
3. To review you finding of data and interpret them. (.....)

قم بتلوين الدائرة باللون المناسب لمستواك.

CamScanner

LESSON 8

Reporting findings

الدرس للإطلاع

Learn

• Researchers report the information they gather in many different ways.

يقوم الباحثون بنشر المعلومات التى يجمعونها بالعديد من الطرق المختلفة.

There are some ways archaeologists report their information :

هناك بعض الطرق التى ينشر بها علماء الآثار معلوماتهم :

1 Blogs المدونات

2 Published articles
المقالات المنشورة

3 Social media sites
مواقع التواصل الاجتماعي

4 Interviews المقابلات

5 TV Programs
البرامج التلفزيونية

6 Email البريد الالكتروني

7 Text messages
رسائل نصية

8 Video chats
دردشات الفيديو

researchers	الباحثون	information	معلومات	gather	جمع		
different	مختلف	ways	طرق	report	بلغ / ينشر		

CamScanner

1 Blogs المدونات

- A website that contains personal notes and opinions.
  موقع إلكتروني يحتوي على ملاحظات وآراء شخصية.
- One person is responsible for it.
  شخص واحد يكون مسئول عنها.

2 Published articles مقالات منشورة

- They contain texts, while some include images and infographics.
  يحتوى على نصوص، بينما يحتوي البعض على صور و رسوم بيانية.
- They contain information available for publication, downloading or distribution on digital media.
  تحتوي على معلومات متاحة للنشر أو التحميل أو التوزيع على الوسائط الرقمية
- It allows an individual or group to express their opinions to their followers or audience.
  تسمح لفرد أو لمجموعة بالتعبير عن آرائهم لمتابعيهم أو جمهورهم.

3 Social Media Sites مواقع وسائل التواصل الاجتماعي

- They are undocumented sources of information.
  إنهم من المصادر غير الموثقة للمعلومات.
- They allow you to view and share information with your friends or people you know.
  إنهم يتيحوا لك عرض ومشاركة المعلومات مع أصدقائك أو أشخاص تعرفهم

website	موقع الكتروني	notes	ملاحظات	opinions	آراء
person	شخص	responsible for	مسئول عن	contains	يحتوي
infographics	رسوم بيانية	available	متاح	audience	الجمهور
undocumented	غير موثقة	view	عرض	source	مصدر

4 Interviews المقابلات

- A face - to face conversation between two or more people.
  محادثة وجهاً لوجه بين شخصين أو أكثر.
- Information is displayed through it.
  يتم عرض المعلومات من خلالها.

5 TV Programs برامج التلفزيون

- It's recorded or living meetings or programs that allow information to be shared with viewers via television.
  هي برامج مسجلة أو مباشرة تسمح بمشاركة المعلومات مع المشاهدين عبر التلفزيون.

6 Email البريد الالكتروني

- The most common ways to report data.
  الطريقة الأكثر شيوعاً لإبلاغ البيانات.
- You can send a short report and attach a file with it. يمكنك إرسال تقرير قصير وإرفاق ملف به.

7 Text Messages رسائل نصية

- Friends can use them as a way to communicate with each other.
  يستطيع الأصدقاء استخدامهم كطريقة للتواصل مع بعضهم البعض.

recorded	مسجلة	via	عبر	file	ملف
conversation	محادثة	meetings	اجتماعات	living	مباشر
allow	يسمح	displayed	تعرض	attach	إرفاق

CamScanner

8 Video Chats محادثات فيديو

- They are used to communicate through remote places with your friends.
  يتم استخدام في التواصل عبر الأماكن البعيدة مع أصدقائك وزملائك.
- You need a camera and a microphone to communicate with other.
  سوف تحتاج إلى كاميرا وميكروفون للتواصل مع الأخرين.

Pop Quiz

1 Choose the correct answer from a, b, c or d.

1. ..... are websites that contain personal notes and opinions.
   a. Interviews b. Blogs c. Articles d. Interviews
2. There are some ways that ..... report their information.
   a. engineers b. scientists c. archaeologists d. doctors
3. ..... are undocumented sources of information.
   a. Articles b. Social Media Sites c. Interviews d. Blogs
4. You need a ..... to communicate with each other through video chats.
   a. camera b. mouse c. keyboard d. scanner
5. Friends can use ..... as a way to communicate.
   a. TV programs b. emails c. text messages d. interviews

2 Read and write the way to report information.

1. A website that contain personal notes and opinions.
2. They contain texts while some include images and infographics.
3. They are undocumented sources of information.
4. It's a face-to-face conversation between two or more people.

remote عن بُعد through خلال places أماكن

CamScanner

Stop here !

نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.

استمع الى ملخص الدرس

Lesson Summary

- There are many ways archaeologists report their information
  هناك العديد من الطرق التي ينشر بها علماء الآثار معلوماتهم.
- Blogs are websites that contain personal notes and opinions.
  المدونات هي مواقع إلكترونية تحتوى على ملاحظات وآراء شخصية.
- Published articles contain information available for publication, download or distribution.
  المقالات المنشورة تحتوي على معلومات متاحة للنشر، التحميل والتورية.
- Social media sites are an undocumented source of information.
  مواقع التواصل الاجتماعي هى مصدر غير موثوق للمعلومات.
- Interviews are a face-to face conversation.
  المقابلات هي محادثة وجهاً لوجه.
- The email is the most common way to report data.
  البريد الإلكتروني هو الطريقة الأكثر شيوعاً لإبلاغ البيانات.

How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Reporting finding	researchers	Researchers report the information they gather in many different ways.
	undocumented	Social media sites are an undocumented source of information.
	audience	Published articles allow an individual or group to express their opinions to their followers or audience.
	blog-website	Blogs are a website that contains personal notes and opinions.
	interview-conversation	Interviews are a face to face conversation between two or more people.
	short report	You can send a short report and attach a file with email.
	text message-communicate	Friends can use text messages as a way to communicate.
	archaeologist	There are some ways archaeologist report their information.
	video chats	You can use video chats to communicate through remote places with your friends.

CamScanner

General Exercises
On Lesson 8

▶ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. The common way to report data is ..... . [القاهرة - الشروق ٢٠٢٣]

   a. blogs b. emails c. mouse d. programs

2. 🕮 The camera and microphone are used in ..... . [القاهرة - عين شمس ٢٠٢٣]

   a. published articles b. text messages

   c. video calls d. blogs

3. ..... is a way to report information by writing posts and comments online. [القاهرة - المعصرة ٢٠٢٣]

   a. Video chat b. Social media c. Interview d. TV program

4. ..... is a visual communication (audio and image) over the internet using a webcam. [القاهرة - المطرية ٢٠٢٣]

   a. Video chat b. Social media c. Blog d. Interview

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. Social media is the best way to reach accurate information. [المنيا - دير مواس ٢٠٢٣] ( )
2. E-mail is used to share data and communicate among friends. [القاهرة - ٢٠٢٣] ( )
3. Social media is a way to report information by writing posts and comments online. [أسيوط - القومية ٢٠٢٣] ( )
4. 🕮 An interview is a conversation between two or more peoples face to face. [المنوفية - السادات ٢٠٢٣] ( )
5. A blog is considered personal opinions that express its owner. [الفيوم - غرب الفيوم ٢٠٢٣] ( )

3 Complete the following sentences with appropriate words in brackets.

(digital blogs – E-mail – Published articles)

1. ..... is a common way to report data and attach files related. [البحيرة ٢٠٢٣]
2. Opinions that express its owner, published on the internet are called ..... . [بني سويف ٢٠٢٣]
3. ..... contain information available for publication. [قنا - ٢٠٢٣]

CamScanner

2. El-Moasser Exercises تدريبات كتاب المعاصر

4 Choose the correct answer from a, b, c or d.

1. Researchers report the information they gather in many ways such as .....
   a. blogs b. social media sites c. both of them d. none of them
2. ..... is the most common way to report data.
   a. E-mail b. Social media c. Interview d. None of them
3. 🕮 There are ..... to communicate with others electronically.
   a. any ways b. many ways c. no way d. two ways

5 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. 🕮 Interviews are one of the ways that researchers report the information they gather. ( )
2. There is one way to report the data. ( )
3. Video chats even text messaging are ways to report information. ( )
4. The E-mail can contain text and images. ( )
5. After writing an e-mail, click on the send button. ( )
6. There are many ways to communicate electronically with others. ( )

6 Read and tick (✓) the correct one.

1. A text message.
   - ☐ It's used between friends to communicate with each other.
   - ☐ It's a recorded or living meeting.

2. Social Media sites
   - ☐ They contain information available for publication.
   - ☐ They're undocumented source of information.

3. Blogs
   - ☐ They're websites that contain personal notes and opinions.
   - ☐ They're a face-to-face conversations.

قم بتلوين الدائرة باللون المناسب لمستواك

Revision

on Lessons 7 & 8

مراجعة عامة على الدرسين السابع و الثامن فى ورقة واحدة.

Lesson 7 : Collecting, analyzing and graphing data

To solve problems you need to :

Collecting Data

- **Collecting Data from sources such as:**
  - books and articles. (digital or point).
  - records (logs and reports).
  - surveys
  - experiments

Analyze Data

- **Analyze Data:**

When we analyze the data we should:

- Review your findings.
- Interpret what those findings mean.
- Graphing Data.

Lesson 8 : Reporting findings

Researches

1. Blogs:

- A website that contains personal opinions.
- One person is responsible for it.

2. Published articles:

- They contain texts, while some include infographics.
- They contain information available for publication.

Report

3. Social media sites:

- It is an undocumented source of information.
- It allows you to view and share information.

4. Interviews:

- A face to face conversation.
- Information is displayed through it.

CamScanner

General Exercises

On Theme 1

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الوحدة مرة أخرى.

ممتاز 🔵 جيد جدا 🟢
جيد 🟡 غير جيد 🔴

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. Albert Lin is an archaeologist. [الإسكندرية - المحمى ٢٠٢٣] ( )
2. The ground penetrating radar device is used to find objects under the surface of the earth [سوهاج ٢٠٢٣] ( )
3. Pascaline machine is the first version of calculator. [البحيرة - إدارى البارود ٢٠٢٣] ( )
4. There are three ages of technology. [الجيزة - العمرانية ٢٠٢٣] ( )
5. The computer is an electronic device for processing data. [الجيزة - أوسيم ٢٠٢٣] ( )
6. We need speakers to see. [الغربية ٢٠٢٣] ( )
7. 🕮 Android is one of the most famous operating system. ( )
8. The CPU converts data to useful information. ( )
9. We use our devices to write notes and go on the internet. [أسوان ٢٠٢٣] ( )
10. Stephen Hawking used assistive technology to help him communicate. [الشرقية - غرب الزقازيق ٢٠٢٣] ( )
11. Screen magnification software allows those with poor vision to interact with computer. [الفيوم - غرب الفيوم ٢٠٢٣] ( )
12. If the keyboard isn't typing, there might be a defect in the keyboard. ( )
13. Computers and tablets are ICT tools. ( )
14. It is better to restart your computer after checking the mouse connection. ( )
15. You can collect data from a variety of sources including books, records and surveys. [البحيرة - التحرير ٢٠٢٣] ( )
16. 🕮 Books and magazines are not sources of data collection. ( )
17. When you collect data, you should review the data you collected. [الإسماعيلية - التل ٢٠٢٣] ( )
18. The most common way to report data is by sending email. [الفيوم ٢٠٢٣] ( )
19. Social media sites are documented sources of information. [الدقهلية ٢٠٢٣] ( )
20. TV programs are recorded or living meeting. [السويس ٢٠٢٣] ( )

2 Complete the following sentences with appropriate words in brackets.

(E-mail - ICT tools - GPS - Keyboard) [المنوفية - شبين الكوم ٢٠٢٣]

1. Tourists depend on ..... to determine the location.
2. ..... enables you to write letters and numbers.
3. 🕮 The computer, the laptop and the tablet are ..... .
4. ..... is a common way to report data and attach files.

CamScanner

3 Choose the correct answer from a, b, c or d.

1. ..... is used to locate things via (عبر) satellite.
   a. GPR b. ICT c. GPS d. Magnetometer
2. ..... is used to search for minerals (معادن). (الفيوم ٢٠٢٣)
   a. GPS b. Magnetometer c. Drone d. ICT
3. 🕮 The era of the electronic revolution (ثورة إلكترونية) was marked by the invention of ..... . (سوهاج - جهينة ٢٠٢٣)
   a. books b. calculators c. laptops d. pencils
4. The ..... was used for the first time in electronic Age. (القاهرة - المطرية ٢٠٢٣)
   a. telephone b. GPS c. computers d. both b & c
5. The ..... is an output device.
   a. keyboard b. mouse c. printer d. scanner
6. The keyboard is considered as an ..... device. (القاهرة - غرب القاهرة ٢٠٢٣)
   a. input b. output c. none of them d. both of them
7. ..... are responsible for running and managing computers. (القاهرة - المطرية ٢٠٢٣)
   a. Speaker b. Hardware c. Operating systems d. PowerPoint
8. 🕮 ..... is necessary to operate any computer.
   a. Keyboard b. PowerPoint
   c. Operating system d. Microsoft
9. Stephen Hawking is a/an ..... .
   a. player b. doctor c. scientist d. archaeologist
10. When there is a problem opening one of the apps on your computer, you might need to ..... . (الغربية - شرق المحلة ٢٠٢٣)
    a. use the keyboard b. press Alt + Ctrl + Del
    c. restart your device d. power off the screen
11. A common graph is a / an ..... graph.
    a. keyboard b. application c. bar d. digital
12. 🕮 ..... are used to communicate with sound and image.
    a. Social media b. Video chats c. Emails d. Interview
13. Researchers report the information they gather in many ways such as ..... .
    a. blogs b. social media sites
    c. both (a) and (b) d. none of them
14. 🕮 Once you have analyzed the information you collected, you are ready to ..... the information.
    a. collect b. graph c. analyze d. remove

CamScanner

15. From common graphs for representing information is ..... .
    a. bar graph b. pie graph c. none of them d. both (a) and (b)
16. ..... is the common way to report data.
    a. E-mail b. Social media sites
    c. TV program d. None of them
17. Albert Lin is an ..... .
    a. explorer b. archaeologist c. both (a) and (b) d. engineer

4 Read and circle the correct usage of the following.

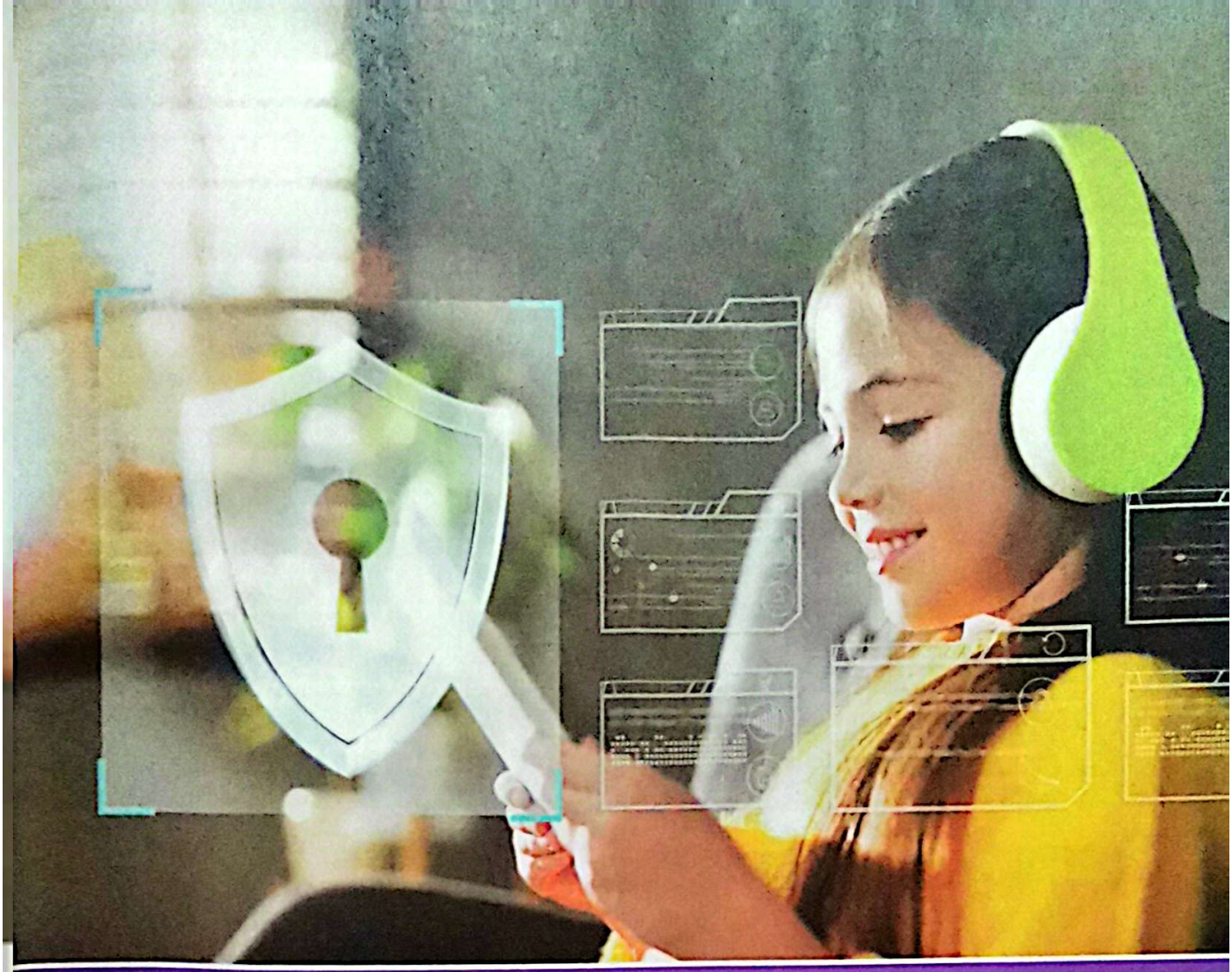
1. Ground Penetrating Radar (GPR)
   - Discover the buried objects - Find the location
2. The Magnetometer
   - Take photographs - Find metal underground
3. Screen magnification software
   - to enlarge everything on computer screen.
   - To help people who have trouble hearing.
4. Sporting tools
   - to help people with poor vision. - to help parasports people.

5 Read and circle the correct one.

My uncle is a scientist. He likes solving problems. To solve problems, he **(analyzes / collects)** data first. Then he **(graphs / analyzes)** the data. The **(bar graph / analyzing)** helps him present and compare categories of information.

قم بتلوين الدائرة باللون المناسب لمستواك.

CamScanner



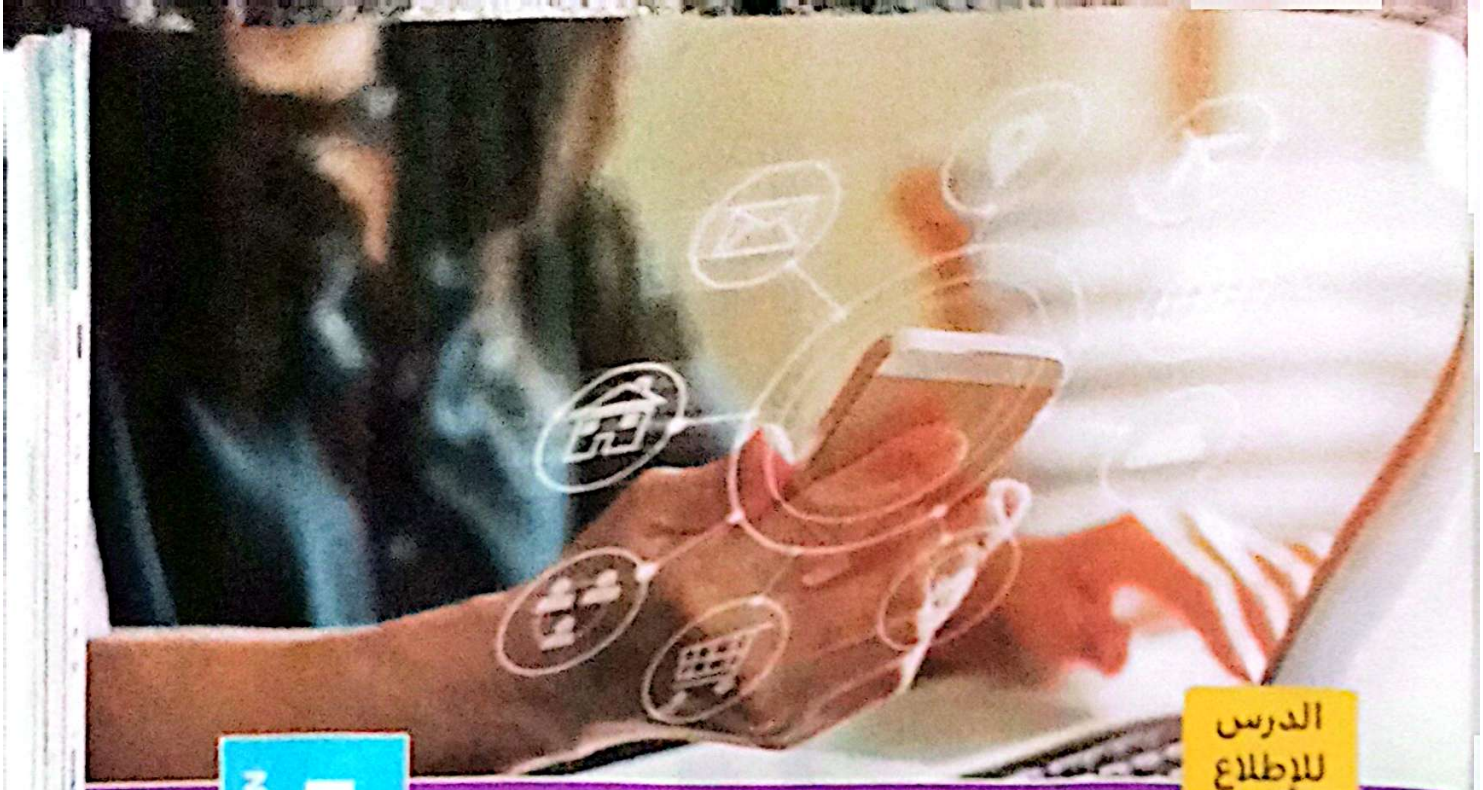
THEME 2

Digital safety and security precautions

▶ **In this theme, you will learn about :**

1. How scientists use ICT in their jobs and daily life
2. The importance of keeping personal information private
   The positive effects of ICT tools
3. Safe online searches
4. Reliable and unreliable online sources
5. The Egyptian Knowledge Bank
6. Online bullying and inappropriate content
7. The importance of good anti-virus software
8. Researching and presenting a topic safely and effectively.

CamScanner



الدرس للإطلاع

LESSON 1

Explorer in Action

Learn

The internet الإنترنت

- The internet can give us access to all kinds of information.

يمكن للإنترنت أن يمنح لنا الوصول إلى جميع أنواع المعلومات

- The internet can also be used as a powerful tool to communicate with other people.

يمكن أيضًا استخدام الإنترنت كأداة قوية للتواصل مع الآخرين

Searching on the internet البحث عبر الإنترنت

- We can type a question into a search engine to find answers quickly and easily.

يمكننا كتابة سؤال في محرك البحث للعثور على إجابات بسرعة وسهولة

- It is important to check the information because it may not always be correct.

من المهم التحقق من المعلومات لأنها قد لا تكون صحيحة دائمًا

- Google is the most popular search engine.

جوجل هو محرك البحث الأكثر شعبية

access to	الوصول إلى	kinds	أنواع	powerful	قوية
search engine	محرك البحث	check	يتحقق	correct	صحيح

05 Pop Quiz

▸ **Choose the correct answer from a, b, c or d.**

1. The ..... can give us access to all kinds of information.
   a. Excel **b.** Word **c.** internet **d.** keyboard

2. We can type a question into a ..... to find answers quickly.
   a. Excel **b.** a search engine **c.** Word **d.** a notebook

Anika Ullah

- She is a biologist. هي عالمة أحياء

A short story that happened to her. قصة قصيرة حدثت لها

1 When she was at a wedding, she tried a dessert made from an unusual nut.
عندما كانت في حفل زفاف، جربت حلوي مصنوعة من مكسرات غير عادية.

2 She didn't know anything about these nuts, so she looked them up in an online encyclopedia.
لم تكن تعرف أي شيء عن هذه المكسرات، لذا بحثت عنها في موسوعة علي الإنترنت.

3 She found many uses for the nuts, but also discovered that eating too many of these nuts can cause cancer.
وجدت العديد من الاستخدامات للمكسرات، لكنها اكتشفت أيضا أن
تناول المكسرات بكثرة يمكن أن يسبب السرطان.

4 When she discovered that these nuts could be dangerous, she decided that she should talk to local communities about the issue, and to ground truth.
عندما اكتشفت أن هذه المكسرات يمكن أن تكون خطيرة، قررت أنه يجب عليها التحدث إلى المجتمعات المحلية
حول هذه المشكلة وتوضيح الحقيقة.

5 Grounding truth is when you find out information directly from people or evidence.
الحقيقة الأساسية هي عندما تجد المعلومات مباشرة من الناس أو الأدلة.

biologist	عالم أحياء	wedding	حفل زفاف	unusual	غير عادي
encyclopaedia	موسوعة	cancer	مرض السرطان	truth	حقيقة
directly	مباشرة	evidence	الأدلة		

CamScanner

6 She visited people in the community and also used the internet to communicate with them.
هي زارت أشخاص في المجتمع المحلي وأيضا استخدمت الإنترنت للتواصل معهم.

7 Ms. Ullah wanted people to use these nuts more safely.
أرادت السيدة أولاه أن يستخدم الناس هذه المكسرات بأمان أكثر.

8 She made films and start online campaigns to help people to lead healthier lives.
استطاعت إعداد مقاطع فيديو وحملات توجيه عبر شبكة الإنترنت لمساعدتهم على اتباع نمط حياة صحي أكثر.

The sequence of activities when you search something online

1 Decide what information you want to find out.
حدد المعلومات التي ترغب في الحصول عليها.

2 Think about the search terms of key words you will use.
فكر في مصطلحات البحث أو الكلمات الأساسية التي ستستخدمها.

3 Cross check facts by trying to find them in more than one place.
تحقق من البيانات من خلال محاولة إيجادها في أكثر من مصدر.

4 Tell the reader where the information came from.
احرص على تدوين مصدر تلك البيانات.

5 Look carefully at the information that you have found.
راجع المعلومات التي توصلت إليها جيدًا.

Pop Quiz

▶ **Choose the correct answer from a, b, c or d.**

1. Anika Ullah is a/an ..... .
   a. engineer **b.** vet **c.** biologist **d.** teacher

2. To research something online, we should decide what ..... we want to find out.
   a. campaigns **b.** information **c.** lives **d.** nuts

find out		terms	يكشف	facts	مصطلحات	حقائق	
reader	القارئ	search		community	البحث	مجتمع	
safely	بأمان	carefully		lives	بعناية / بحرص	حيوات	

CamScanner

Stop here !

نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس

استمع إلى ملخص الدرس

Lesson Summary

- The internet can give us access to all kinds of information.
  يمكن للإنترنت أن يتيح لنا الوصول إلى جميع أنواع المعلومات.
- The internet can also be used as a powerful tool to communicate.
  يمكن أيضًا استخدام الإنترنت كأداة قوية للتواصل.
- We can type a question into a search engine to find answers quickly and easily.
  يمكننا كتابة سؤال في محرك البحث للعثور على إجابات بسرعة وسهولة.
- Anika Ullah is a biologist. أنيقا أولاه عالمة أحياء.
- She discovered that unusual nuts could be dangerous.
  اكتشفت أن المكسرات الغير عادية يمكن أن تكون خطيرة.
- She made films and start online campings to help people to lead healthier lives.
  استطاعت إعداد مقاطع فيديو وحملات توعيه عبر شبكة الإنترنت لمساعدتهم على اتباع نمط حياة صحى أكثر.

How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Explorer in action	tool – communicate	The internet can be used as a powerful tool to communicate with other people.
	Google – search - engine	Google is the most popular search engine.
	nuts – cancer	Anika Ullah discovered that eating too many nuts can cause cancer.
	campaigns – lead – film – healthier	She made films and online campaigns to help them to lead healthier lives.
	terms – use	Think about the search terms of key words you will use while searching online.
	reader – came	Tell the reader where the information came from.
	carefully – found	Look carefully at the information that you have found.

CamScanner

General Exercises

On Lesson 1

▶ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. Anika Ullah searched for an exotic nut ..... . [الحيزة-العصرانية ٢٠٢٣]
   a. on the internet b. in books c. in magazines d. in a dictionary
2. You can use ..... to search for information over the internet. [الحيزة-العصرانية ٢٠٢٣]
   a. results b. search engines c. Word d. a printer
3. ..... is the most famous search engine that used all over the world.
   a. Google b. Facebook c. Windows d. WhatsApp
   [الاسماعيلية ٢٠٢٣]
4. Students can find all kinds of information by using the ..... . [القاهرة - الشروق ٢٠٢٣]
   a. keyboard b. internet c. mouse d. message

2 Put (✓) in front of correct sentence and (✗) in front of the wrong one.

1. Internet helps us in finding the information we want. [الحيزة-البدراشين ٢٠٢٣] ( )
2. Anika Ullah finds that eating too many of these nuts cause cancer. [أسيوط-القوصية ٢٠٢٣] ( )
3. The search engine is used to find the answer to a question easily.
   [الاسماعيلية- التل ٢٠٢٣] [قنا-ديشنا ٢٠٢٣] ( )
4. The internet enables us to access all kinds of information. [البحيرة-الدلنجات ٢٠٢٣] ( )
5. It is not important to check the information we find online because it always correct. [الدقهلية ٢٠٢٣] ( )
6. WhatsApp is the most popular search engine. ( )

3 Complete the following statements with appropriate words between brackets.

(search engine – Google – terms)

1. ..... is considered one of the most popular search engines that help in obtaining information. [المنوفية-قويسنا ٢٠٢٣]
2. A software application that is used for accessing on the internet is ..... .
   [الدقهلية-منية النصر ٢٠٢٣]
3. To research something online, think about the search ..... you will use.
   [الشرقية-غرب الزقازيق ٢٠٢٣]

CamScanner

4 Match.

(A)	(B)
1. Anika Ullah is [القرنية - غرب المحلة ٢٠٢٣]	☐ a. the information we have found.
2. We should look carefully at [السوال ٢٠٢٣]	☐ b. nut at a wedding.
3. 🕮 Anika Ullah tried	☐ c. a biologist.

2. El-Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a, b, c or d.

1. The explorer Anika Ullah is a/an ..... .
   a. biologist b. doctor c. engineer d. teacher
2. The ..... is a global network that connects millions of sets around the world.
   a. Computer b. Router c. Internet d. Laptop
3. 🕮 Anika Ullah wanted people to use these nuts more safely, so she made ..... to raise awareness of the issue.
   a. films b. presentations c. graphs d. book
4. One of the ways through which Anika Ullah got the information is the ..... .
   a. search engine b. online encyclopedia
   c. both of them d. none of them
5. Anika Ullah checks her online sources carefully to get ..... information.
   a. untrusted b. trusted c. unreliable d. wrong
6. You must ..... the online sources.
   a. trust b. check c. refuse d. delete

6 Put (✓) in front of correct sentence and (×) in front of the wrong one.

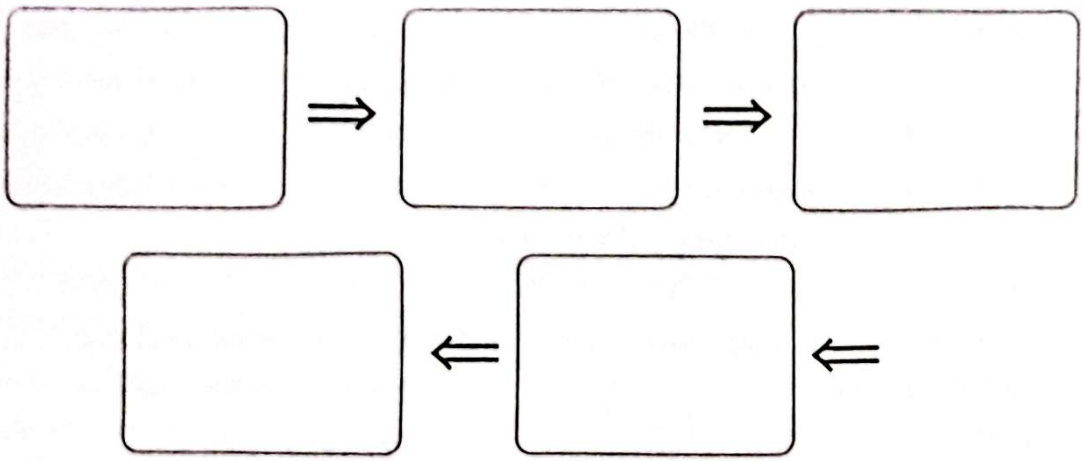
1. Anika Ullah discovered that the nuts may be dangerous and can cause serious diseases. ( )
2. The internet can be used as a powerful tool to communicate with people. ( )
3. Anika Ullah checks her online sources carefully to get accurate information. ( )
4. All the information that you get from the internet is accurate. ( )
5. Anika Ullah decided to talk to local communities about the issue of the dangers of overeating nuts. ( )
6. Anika Ullah is an archaeologist. ( )

CamScanner

7. Online information is sometimes incorrect, and this information should be tested. ( )
8. The search engine is a software program that helps people find the keywords are looking for online. ( )

7 Complete the following diagram by using the following sentences.

1. Cross check facts by trying to find them in more than one place
2. Decide what information you want to find out
3. Look carefully at the information that you have found
4. Tell the reader where the information came from
5. Think about the search terms or keywords you will use.

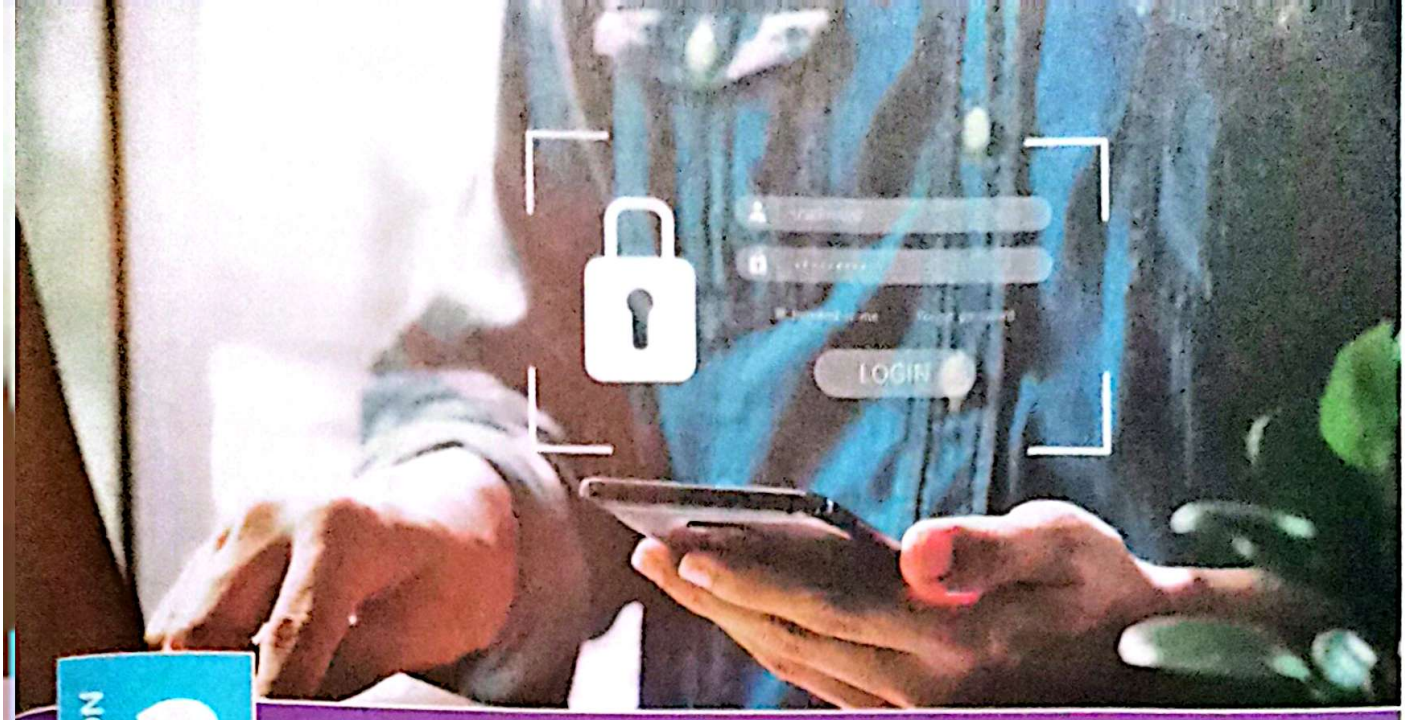


8 Read and circle the correct one.

My aunt is a biologist. She uses the internet to find all kinds of information. The most popular search engine is (**Yahoo / Google**). She uses (**sentences / key words**) for her search.

قم بتلوين الدائرة باللون المناسب لمستواك.

CamScanner



LESSON 2

Online dangers and how to be safe

Learn

1 Communicating online التواصل عبر الإنترنت

- **There are many ways to communicate online, we can use :**

هناك طرق عديدة للتواصل عبر الإنترنت يمكننا استخدامها.

Computers أجهزة الكمبيوتر

Phones هواتف

tablets أجهزة لوحية

- **People can communicate with each other using.**

يمكن للناس التواصل مع بعضهم البعض باستخدام.

instant messaging
رسالة فورية

email
بريد إلكتروني

direct messages
رسائل مباشرة

message forums
منتديات الرسائل

- **Be careful** - some people communicate online to be unkind or to steal personal information.

كن حذراً - يتواصل بعض الأشخاص عبر الإنترنت ليكونوا غير لطفاء أو قاسيين أو لسرقة المعلومات الشخصية.

online عبر الإنترنت | people الأشخاص | each other بعضهم البعض

CamScanner

▸ **Personal information includes your :** تتضمن المعلومات الشخصية الخاصة بك

address عنوان

name اسم

name of your school
اسم مدرستك

- Be sure you know who you are chatting with. تأكد من أنك تعرف من تدردش معه
- If someone is unkind or makes you feel unsafe, you can block the person.
إذا كان شخص ما غير لطيف أو يجعلك تشعر بعدم الأمان، فيمكنك حظره
- When you block someone, that person cannot see your posts or contact you.
عندما تحظر شخص ما، فلن يتمكن هذا الشخص من رؤية منشوراتك أو الاتصال بك

2 Unsafe websites المواقع غير الآمنة

- Be careful when clicking on links. كن حذراً عند النقر على الروابط.
- Don't click on links that you are unsure about. لا تنقر على روابط لست متأكدًا منها.
- If you accidentally view an unsafe or inappropriate site, don't panic. Leave the site and tell your teacher or a family member who can help you feel safe.
إذا عرضت بالخطأ موقعاً غير آمن أو غير ملائم ، فلا داعي للذعر. اترك الموقع وأخبر معلمك أو أحد أفراد أسرتك الذي يمكنه مساعدتك على الشعور بالأمان.

Pop Quiz

▸ **Choose the correct answer from a, b, c or d.**

1. ..... and phones are ways to communicate online.
   a. Calculators b. Pens c. Computers d. Bags
2. 📖 Your ..... is a personal information.
   a. name b. address c. book d. both a & b

be sure	تأكد	chatting	تدردش	unsafe	عدم الأمان
block	حظر	clicking	النقر	link	رابط
unsure	غير متأكد	accidentally	بالخطأ	inappropriate	غير ملائم
personal	شخصي				

CamScanner

3 Sharing data online

مشاركة البيانات عبر الإنترنت

- Don't share personal data online without asking your teacher or a family member if it is OK.

لا تشارك البيانات الشخصية عبر الإنترنت دون أن تطلب من معلمك أو من أحد أفراد الأسرة ما إذا كان الأمر مقبولاً.

- If you share your personal data online, you may receive spam messages.

إذا كنت تشارك بياناتك الشخصية عبر الإنترنت فقد تتلقى رسائل مزعجة.

▸ Spam messages

الرسائل المزعجة

- Spam mail includes unwanted messages to advertise products or gather more information from you.

يتضمن البريد المزعج رسائل غير مرغوب فيها للإعلان عن المنتجات أو لجمع المزيد من المعلومات منك.

- The messages may also include viruses.

قد تتضمن الرسائل أيضًا فيروسات.

- If an email includes an unfamiliar address, unknown links, or messages in ALL CAPITAL LETTERS, it might be spam.

إذا كان البريد الإلكتروني يتضمن عنواناً غير مألوف أو روابط غير معروفة أو رسائل مكتوبة بأحرف كبيرة, فقد يكون بريدًا مزعجًا.

- Make sure that only your friends and family can view your information.

تأكد من أن أصدقائك وعائلتك فقط هم من يمكنهم عرض معلوماتك.

- Always think before you post something, especially a photo or video.

فكر دائمًا قبل نشر شيء ما ، وخاصة صورة أو مقطع فيديو.

- Always think before you post about yourself or other people.

فكر دائمًا قبل النشر عن نفسك أو عن أشخاص آخرين.

4 Downloading files

تنزيل الملفات

- Think carefully before you download files.

فكر بحرص قبل تنزيل ملفات.

- Some files have viruses.

تحتوى بعض الملفات على فيروسات.

- Viruses can damage your computer or be used to track your information.

يمكن للفيروسات إتلاف جهاز الكمبيوتر الخاص بك أو استخدامها لتتبع معلوماتك.

share	يشارك	gather	يجمع	damage	يضر/ يدمر	product	منتج
receive	يستقبل	unwanted	غير مرغوب	unfamiliar	غير مألوف	unknown	غير معروفة
advertise	إعلان	viruses	فيروسات	without	بدون	track	يتتبع
file	ملف	download	تحميل - تنزيل				

CamScanner

- Check the website before you download a file. Is it a trusted site?

تحقق من الموقع الإلكتروني قبل تنزيل أي ملف ، هل هو موقع موثوق به ؟

- Learning is power! Use what you learned to stay safe and happy while online.

التعلم قوة ! استخدام ما تعلمته للبقاء آمناً وسعيداً أثناء الاتصال بالإنترنت.

Pop Quiz

1 Choose the correct answer from a, b, c or d.

1. 🕮 Don't ..... personal data online without asking your teacher.
   a. want **b.** share **c.** receive **d.** cut

2. ..... mail includes unwanted messages to advertise products.
   a. Spam **b.** Instant **c.** Direct **d.** Safe

3. 🕮 ..... can damage your computer.
   a. Viruses **b.** Pens **c.** Phones **d.** Films

2 Read and tick (✓) the correct answer.

1. Phones, tablets and computers
   ☐ are ways of communications ☐ are ways of writing

2. The name and address
   ☐ are personal information ☐ are public information

3. Viruses
   ☐ protect your computer ☐ damage your computer

4. Unknown links
   ☐ might be a present ☐ might be spam

check يفحص safe آمن trusted موثوق به before قبل

Stop here !

نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.

استمع إلى ملخص الدرس

Lesson Summary

- We can use computers, phones and tablets to communicate online.
  يمكننا استخدام الكمبيوتر، الهواتف والأجهزة اللوحية للتواصل عبر الإنترنت.
- People can communicate with each other using instant messaging, email and direct messages.
  يمكن للناس التواصل مع بعضهم البعض باستخدام الرسائل النصية الفورية ورسائل البريد الإلكترونى والرسائل المباشرة.
- Your address, name and name of your school are personal information.
  العنوان الخاص بك اسمك واسم المدرسة الخاصة بك معلومات شخصية.
- When you block someone, that person cannot see your posts or contact you.
  عندما تحظر شخص ما ، فلن يتمكن هذا الشخص من رؤية منشوراتك أو الاتصال بك.
- Don't share personal data online. لا تشارك البيانات الشخصية عبر الإنترنت.
- Spam mail includes unwanted messages to advertise products.
  يتضمن البريد المزعج رسائل غير مرغوب فيها للإعلان عن المنتجات.
- Always think before you post about yourself. فكر دائماً قبل النشر عن نفسك.
- Some files have viruses. تحتوى بعض الملفات على فيروسات.

How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Online dangers and how to be safe	communicate – unkind	Some people communicate online to be unkind or to steal personal information.
	click – unsure	Don't click on links that you are unsure.
	share – family	Don't share personal data online without asking your teacher or a family member if it is OK.
	friends – information	Make sure that only your friends and family can view your information.
	think – post	Always think before you post about yourself or other people.
	carefully – download	Think carefully before you download files.
	website – trusted	Check the website before you download a file. Is it a trusted site ?

CamScanner

General Exercises

On Lesson 2

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. When someone behaves badly with you on the internet, you should .....
   a. ask for his friendship b. block him [القليوبية ٢٠٢٣]
   c. welcome him d. chat with him
2. It is possible that there are viruses on your device, if you ..... .
   [الشرقية - الحسينية ٢٠٢٣] [القليوبية ٢٠٢٣]
   a. click on unknown links b. browse the EKB
   c. read books d. send an email
3. You shouldn't communicate with ..... [الشرقية - الحسينية ٢٠٢٣]
   a. a friend of you b. your school friend
   c. unknown person wants to share your personal information d. your family
4. ..... includes your name, address and your date of birth. [الشرقية - كفر صقر ٢٠٢٣]
   a. Personal data b. Spam c. Download d. Link
5. People may use..... to communicate together. [القاهرة ٢٠٢٣]
   a. spam messages b. instant messages
   c. personal information d. fake messages

2 Put (✓) in front of correct sentence and (✗) in front of the wrong one.

1. If you receive unknown message that in all capital letters, it might be a spam.
   [العربية - شرق المحلة ٢٠٢٣] ( )
2. Block is considered one of the ways to communicate with your colleagues or friends on the internet. [الجيزة - أبو النمرس ٢٠٢٣]/[الشرقية - كفر صقر ٢٠٢٣] ( )
3. People may use instant messaging, email, direct messages, and message forums to communicate. [الجيزة - العمرانية ٢٠٢٣] ( )

3 Complete the following sentences with the appropriate words in brackets.

(harmful – Spam – links – block)

1. If you do ..... to someone, that person will not be able to contact you or view your account. [الشرقية - شرق الرقازيق ٢٠٢٣]
2. ..... includes unwanted message. [الأسكندرية - العجمى ٢٠٢٣]
3. You shouldn't click on ..... that you are unsure of when browsing the internet. [الفيوم - غرب الفيوم ٢٠٢٣]
4. Viruses are one of the ..... things that infect the computer. [القليوبية ٢٠٢٣]

CamScanner

4 Match.

(A)	(B)
1. Blocking	☐ a. means your name, address and birth date.
2. Personal information	☐ b. allows you to prevent unwanted people from viewing your personal data.
3. Spam messages	☐ c. contain advertise products, gather more information about you also may contain viruses.

2. El-Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a, b, c or d.

1. ..... are of devices used to connect to the internet.
   a. Phones b. Tablets c. laptops d. all of them
2. When unknown person sends you a link, you ..... it.
   a. open b. click on c. mustn't open d. share
3. When you see inappropriate website content, you should ..... .
   a. leave the internet b. tell the teacher or parents
   c. do not use the device again d. close your device
4. Spam mail includes unwanted message, and it may include ..... .
   a. an unfamiliar address b. an unknown link
   c. personal data d. both a & b
5. The virus can ..... .
   a. damage your files b. damage the mouse
   c. connect to internet d. help your files
6. ..... include your address, your name and your school name.
   a. Personal devices b. Personal data
   c. Personal computer d. None of them
7. If the e-mail message includes ....., this message might be a spam.
   a. unknown links b. incorrect grammar c. greeting d. both a & b

6 Put (✓) in front of correct sentence and (×) in front of the wrong one.

1. People use e-mail, instant messages, and direct messages to communicate. ( )
2. You can't communicate to the internet via mobile phone. ( )
3. When you see inappropriate website content, you should not use the interent again. ( )

CamScanner

4. One of the safety actions when using the internet is that you do not open any message before verifying its owner and its content. ( )
5. The tablet is one of the devices through which you can access the internet. ( )
6. One of the safety actions, when using the internet is that you should not shares your personal data. ( )
7. Files downloaded from the internet do not contain viruses and can be used without scanning. ( )
8. Always think before you post about yourself or other people. ( )
9. When downloading files from the internet, you can open it without connecting to the internet. ( )
10. You must check the privacy settings in social networking sites. ( )
11. When you block someone, that person won't see what you post. ( )
12. If you share your personal data online, you may receive spam messages. ( )
13. Clicking on unknown link may download useful program to your computer. ( )
14. You must scan the downloaded files by using updated antivirus program. ( )

7 Complete the following sentences with the appropriate words between brackets.

(download - personal information - spam)

1. An e-mail from unknown address that includes advertisements is likely to be ..... .
2. When you ..... a file, you save it to your device.
3. Think carefully before you share your address or other ..... online.

8 Read the scenarios and check the boxes. There may be more than one correct answer.

1. You receive a message from a stranger on your social media account. The message tells you to download a file to watch a funny video. What should you do?
   a. Download the video to watch it later. ☐
   b. Ask a parent for help and do not open the file. ☐
   c. Delete and ignore the message. ☐
   d. Write a replay and say you can't wait to watch it. ☐

2. A friend sends you a weird picture that scares you. What should you do?
   a. Send the picture to all your friends. ☐
   b. Tell a parent. ☐
   c. Copy the image to your computer. ☐
   d. Send message back with an even scarier picture. ☐

قم بتلوين الدائرة باللون المناسب لمستواك.

CamScanner

Revision

on Lessons 1 & 2

مراجعة عامة على الدرسين الأول والثانى فى ورقة واحدة.

Lesson 1 : Explorer in Action

The internet

- The internet can give us access to all kinds of information.
- The internet can be used as a powerful tool to communicate.

Anika Ullah

- She is a biologist.
- She discovered that unusual nuts could be dangerous.
- She made films and online campaigns to help people to lead healthier lives.

Lesson 2 : Online dangers and how to be safe

Communicating online

- There are many ways to communicate online, we can use :
  - computers - phones - tablets
- People can communicate with each other using :
  - instant messaging - email
  - direct messages - message forums
- Personal information includes your :
  - address - name
  - name of your school - Date of birth

Downloading files

- Think carefully before you download files.
- Some files have viruses.
- Viruses can damage your computer or be used to track your information.
- Check the website before you download a file. Is it a trusted site ?
- Learning is power ! Use what you learned to stay safe and happy while online.

Spam messages

- Spam mail includes unwanted messages to advertise products or gather more information from you.
- The messages may also include viruses.
- If an email includes an unfamiliar address, unknown links, or messages in ALL CAPITAL LETTERS , it might be spam.
- Always think before you post something, especially a photo or video.
- Make sure that only your friends and family can view your information.

CamScanner

Accumulative Test

On Lessons 1 & 2

اختبار تراكمى على الدرسين الأول والثانى.

1 Choose the correct answer from a, b, c or d.

1. The explorer Anika Ullah is a/an ..... .
   a. biologist b. doctor c. engineer d. dentist
2. 🕮 ..... is one of the common websites of searching.
   a. MSN website b. Google website c. Moe website d. Facebook
3. If someone is unkind or makes you feel unsafe, you can ..... .
   a. block the person b. chat with them
   c. send your personal information d. send them your photos
4. 🕮 When you see inappropriate website content, you should ..... .
   a. leave the website b. tell the teacher or parents
   c. do not use the device again d. both (a) and (b)
5. The ..... is a type of e-mail, that contains unwanted message to advertise products.
   a. spam message b. data message
   c. personal message d. text message
6. The virus can ..... .
   a. damage your files b. damage the mouse
   c. connect to internet d. download your files
7. You can ..... the person if you feel unsafe in dealing.
   a. block b. deal c. respect d. follow
8. Anika Ullah wanted people to use these nuts more safely, so she made ..... to raise awareness of the issue.
   a. films b. presentations c. graphs d. letters
9. 🕮 One of the ways through which Anika Ullah got the information is ..... .
   a. the search engine b. online encyclopedia
   c. asking friends d. both (a) and (b)
10. If the e-mail message includes ....., this message might be a spam.
    a. unknown links b. correct grammar
    c. a professional design d. both a & b

2 Put (✓) in front of correct sentence and (×) in front of the wrong one.

1. When you see inappropriate website content, you should not use the internet again. ( )

CamScanner

2. One of the safety actions when using the internet is that you do not open any message before verifying its owner and its content. ( )
3. 🕮 The tablet is one of the devices through which you can access the internet. ( )
4. It is not important to test information that obtained online. ( )
5. The internet can give us access to information in many fields. ( )
6. The internet can be used as a powerful tool to communicate with people. ( )
7. Always think before you post about yourself or other people. ( )
8. 🕮 You mustn't check the website before downloading a file from it. ( )
9. When you block someone, that person won't see what you post. ( )

3 Complete the following sentences with the appropriate words between brackets.

(block - download - instant message - personal information - spam)

1. An e-mail from unknown address that includes advertisements is likely to be ..... .
2. When you ..... a file, you save it to your device.
3. 🕮 If you ..... someone, they will no longer be able to contact you or view your account.
4. Think carefully before you share your address or other ..... online.
5. You can use ..... to communicate with your friends.

4 Rearrange the following steps.

How to deal when you see inappropriate site :

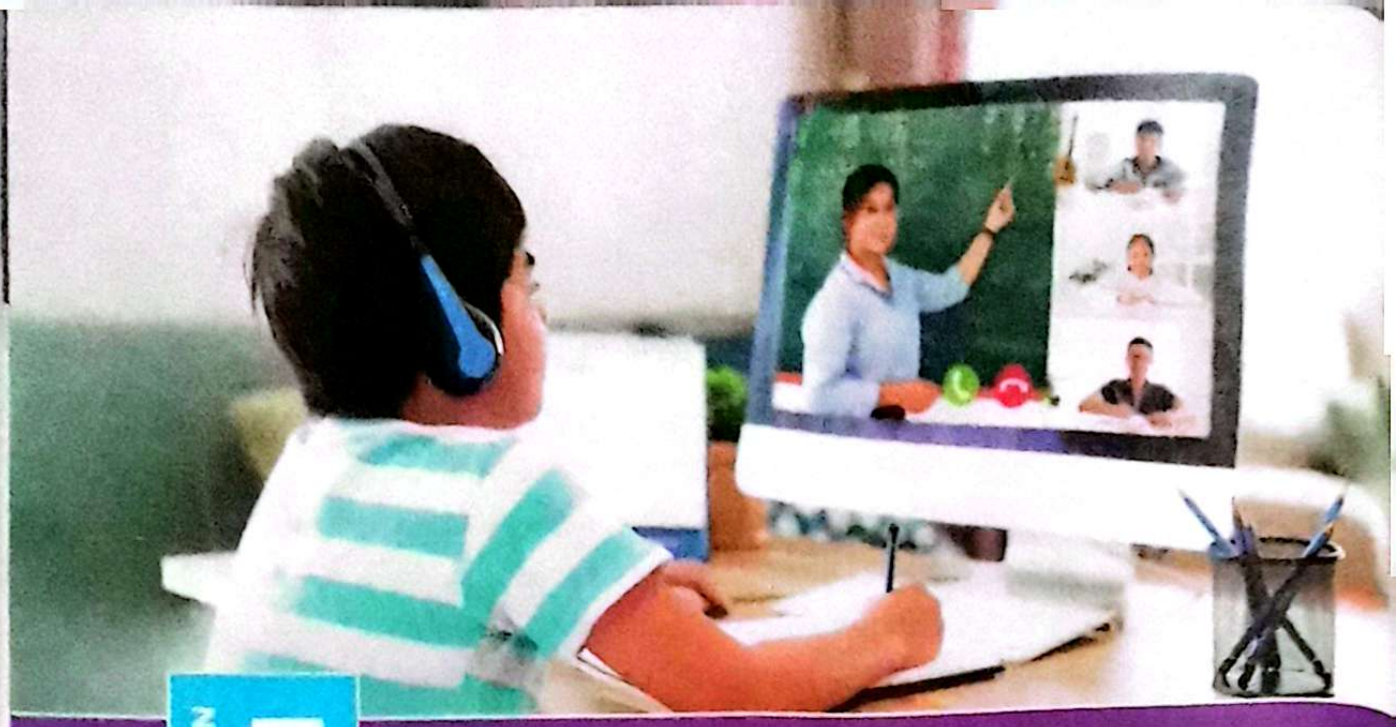
a. Tell your teacher of a family member. ( )
b. Don't panic. ( )
c. Leave the website. ( )

5 Read and correct the words between brackets.

1. The (email) of your house is personal information. ( )
2. (Good) mail may include viruses. ( )
3. (Televisions) are ways of communication online. ( )
4. Viruses can (protect) your computer. ( )

يمكنك المراجعة باستمرار (تراكمية)
من خلال الصفحة السابقة.

CamScanner



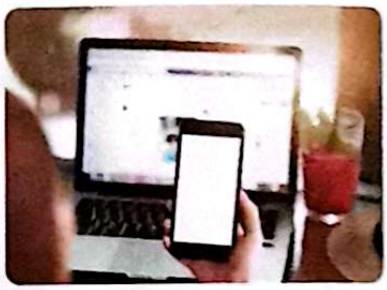
LESSON 3

Using ICT tools in a healthy and ethical way

Learn

1 Posting online

النشر عبر الإنترنت



- When you tag someone, you identify that person in a post, photo, or video.

عندما تقوم بالإشارة إلى شخص ما ، فإنك تحدد هوية هذا الشخص فى منشور ، صورة أو فى مقطع فيديو.

- Anyone who has access to your account can see the tag. يمكن لأى شخص لديه حق الدخول إلى صفحتك برؤية الإشارة.

- The tag provides a link to the person's profile. تتضمن الإشارة رابطاً إلى الملف الشخصى الخاص بالشخص.

When you post on social media and tag your friends :

عندما تنشر على وسائل التواصل الاجتماعى وتضع إشارة إلى أصدقائك.

1. It's important to be sure the person you're tagging is OK with this.

من المهم أن تتأكد من أن الشخص الذى تضع علامة عليه موافق على ذلك.

2. Make sure to ask them permission first. It shows that you respect their privacy.

تأكد من أن تطلب منهم الإذن أولاً . إنه يظهر أنك تحترم خصوصيتهم.

3. Before you post something, ask yourself, is this post kind? Might it be hurtful to others? If you are unsure, don't post it.

قبل أن تنشر شيئاً ، اسأل نفسك هل هذا المنشور لطيف ؟ قد يكون مؤذ للآخرين إذا كنت غير متأكد، فلا تنشره.

tag	إشارة	link	رابط	access to	الدخول إلى
profile	ملف شخصى	permission	إذن	privacy	خصوصية

2 Crediting others

ذكر مصادر المعلومات وأصحابها

- When you're looking for information to post online or to include in a PowerPoint presentation, it's important :

عندما تبحث عن معلومات لنشرها عبر الإنترنت أو لتضمينها فى عرض تقديمى فى البوربوينت فمن المهم :

- Credit sources that provide you with information that you share with other.

توثيق مصادر المعلومات التى تزودك بالمعلومات التى تشاركها مع الأخرين.

- When you credit a source of information, you let others know where the information you are sharing came from.

عندما تذكر مصادر المعلومات ، فإنك تخبر الآخرين من أين أتت المعلومات التي تشاركها.

Pop Quiz

▶ **Choose the correct answer from a, b, c or d.**

1. 🕮 Before you ..... something, ask yourself, is this post kind?
   a. respect **b.** receive **c.** post **d.** block
2. It's important to ..... sources that provide you with information.
   a. look **b.** credit **c.** remove **d.** delete

3 Respecting the law

احترم القانون

- Whether you are posting online or researching topics, be sure to respect the law.

سواء كنت تنشر على الإنترنت أو تبحث عن موضوعات ، تأكد من احترام القانون.

- Don't go on banned sites. لا تذهب إلى المواقع المحظورة.

- Banned sites may publish inaccurate, immoral, and harmful material.

قد تنشر المواقع المحظورة مواد غير دقيقة وغير أخلاقية وضارة.

- Ask your teacher or a family member before you go on a new site.

اسأل معلمك أو أحد أفراد أسرتك قبل أن تذهب إلى موقع جديد.

looking for	يبحث عن	presentation	عرض تقديمي	source	مصدر		
provide	يزود / يمد بـ	came from	أتت من	online	عبر الإنترنت		
topics	مواضيع	harmful	ضار	law	القانون		
banned	محظور	inaccurate	غير دقيق	immoral	غير أخلاقى		

4 The positive and negative effects of ICT tools

الآثار الإيجابية والسلبية لأدوات تكنولوجيا معلومات والاتصالات

The positive effects of using ICT tools الآثار الإيجابية لاستخدام أدوات تكنولوجيا المعلومات والاتصالات	The Negative effects of using ICT tools الآثار السلبية لاستخدام أدوات تكنولوجيا المعلومات والاتصالات
1 You can read the news with just a click of the mouse. يمكنك قراءة الأخبار بنقرة واحدة على فأرة التحكم.	1 You may come across something online that upsets you. قد تصادف شيئاً ما على الإنترنت يزعجك.
2 You can upload and download videos and photos and view them whenever you want. يمكنك رفع وتنزيل مقاطع الفيديو و الصور ومشاهدتها وقتما تشاء.	2 You can get eye strain or headaches from using your devices too long. يمكنك أن تصاب بإجهاد العين أو الصداع من استخدام أجهزتك لفترة طويلة.
3 You can communicate with friends and family anywhere in the world. يمكنك التواصل مع الأصدقاء والعائلة في أي مكان في العالم.	3 Some people may rely on searching on Google to answer all their questions- even though it doesn't always give the right answer ! قد يعتمد بعض الأشخاص على البحث في جوجل للإجابة على جميع أسئلتهم - على الرغم من أن هذا الموقع لا يعطي دائماً الإجابة الصحيحة !

- Remember to use ICT tools wisely and ethically.

تذكر استخدام أدوات تكنولوجيا المعلومات والاتصالات بحكمة وأخلاقية.

- Stay active and social - and be responsible. كن نشطاً واجتماعياً - وكن مسئولاً.

Pop Quiz

▶ **Choose the correct answer from a, b, c or d.**

1. ..... sites may publish inaccurate and harmful material.
   a. Tag **b.** Block **c.** Banned **d.** Trusted
2. 🕮 You can upload and ..... videos using ICT tools.
   a. download **b.** read **c.** rely **d.** act

upset يزعج strain إجهاد rely on يعتمد على

CamScanner

Stop here !

نقاط هامة وعبارات استرشادية تمكنك من تلخيص وإلقاء الدرس.

استمع الى ملخص الدرس

Lesson Summary

- When you tag someone, you identify the person in a post or a photo.
  عندما تقوم بالإشارة إلى شخص ما، فإنك تحدد هوية هذا الشخص في منشور أو صورة
- Anyone who has access to your account can see the tag.
  يمكن لأي شخص لديه حق الوصول إلى حسابك رؤية الإشارة
- It's important to ask your friends permission before you tag them.
  من المهم أن تطلب من أصدقائك الإذن أولاً قبل الإشارة إليهم
- When you're looking for information to post online, it's important to credit sources.
  عندما تبحث عن معلومات لنشرها عبر الإنترنت ، من المهم توثيق مصادر المعلومات.
- You shouldn't go on banned sites. لا يجب أن تذهب إلى المواقع المحظورة
- There are positive and negative effects of ICT tools.
  يوجد آثار إيجابية وسلبية لأدوات تكنولوجيا المعلومات والاتصالات.

How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Using ICT tools in a healthy and ethical way	permission	You must ask permission before posting information related to your friends.
	tagging	It's important to be sure the person you're tagging is OK with this.
	posting online	Whether you are posting online or researching topics, be sure to respect the law.
	new site	Ask your teacher or a family member before you go on a new site.
	wisely	Remember to use ICT tools wisely and ethically.
	news - click	You can read the news with just a click of the mouse.
	communicate	You can communicate with friends and family anywhere in the world.

CamScanner

General Exercises

On Lesson 3

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

ممتاز 🔵 جيد جدا 🟢
جيد 🟡 غير جيد 🔴

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. Spending too much time using technology causes ..... . [الجيزة - الدقي ٢٠٢٣]
   a. eye strain b. permanent activity
   c. positive results d. privacy
2. One of the ..... of the internet, finding information in an easy and fast way.
   a. advantages b. disadvantages [الجيزة - الدقي ٢٠٢٣]
   c. negative effects d. cons
3. ..... may publish inaccurate, immoral, and harmful material.
   a. Opinions b. Banned sites [الدقهلية - منية النصر ٢٠٢٣]
   c. Passwords d. Profiles
4. Before posting any information on social media, ask yourself, ... ?
   a. do you harm anyone b. is its content good [الفيوم - غرب الفيوم ٢٠٢٣]
   c. is this post kind d. all of them

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. Headache and eye strain are two of the positive effects of ICT. [الجيزة - ٦ أكتوبر ٢٠٢٣] ( )
2. You must take permission of someone who you want to tag. [الجيزة - ٦ أكتوبر ٢٠٢٣] ( )
3. One of the advantages of ICT is that you can upload and download files. [الجيزة - كرداسة ٢٠٢٣] ( )
4. From negative consequences of ICT tools is that you may come across something online that upset you. [الدقهلية - منية النصر ٢٠٢٣] ( )
5. One of the Negative effects of ICT tools is communicate with friends all over the world. ( )
6. Always respect the law when using the internet. [الإسماعيلية - التل ٢٠٢٣] ( )
7. When you share information, its source must be unknown. [الإسماعيلية - التل ٢٠٢٣] ( )

3 Complete the following sentences with the appropriate words between brackets.

(tools – positive – ask them permission first)

1. You should use ICT ..... wisely and ethically. [أسوان ٢٠٢٣]
2. ICT tools have ..... and negative effects. [القاهرة - الساحل ٢٠٢٣]
3. When you post on social media and tag your friends make sure to ..... . [البحيرة - التحرير ٢٠٢٣]

CamScanner

4 Match.

(A)	(B)
1. The tag (الشرقية - شرق الرقازيق)	a. banned sites.
2. Don't go on (المنيا - سمالوط)	b. provides a link to the person's profile.

2. El-Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a, b, c or d.

1. When you ..... someone, you identify that person in a post.
   a. tag b. block c. report d. unfollow
2. You can read the news with just a click of the mouse is from the ..... effects of using ICT tools .
   a. negative b. positive c. enjoying d. bad
3. While using ICT tools, you should be ..... .
   a. lazy b. responsible c. angry d. sad
4. Before publishing any information on social networking sites, it is important to ..... the source of this information.
   a. verify b. ignore c. share d. delete

6 Put (✓) in front of correct sentence and (×) in front of the wrong one.

1. You can communicate with friends and family anywhere in the world by using ICT tools. ( )
2. Banned sites may publish accurate, moral, and useful material. ( )
3. You shouldn't ask your teacher or a family member before you go on a new site and browse it. ( )
4. ICT tools have become a wonderful part of everyday life. ( )

7 Rearrange the following so you can tag a friend in a post.

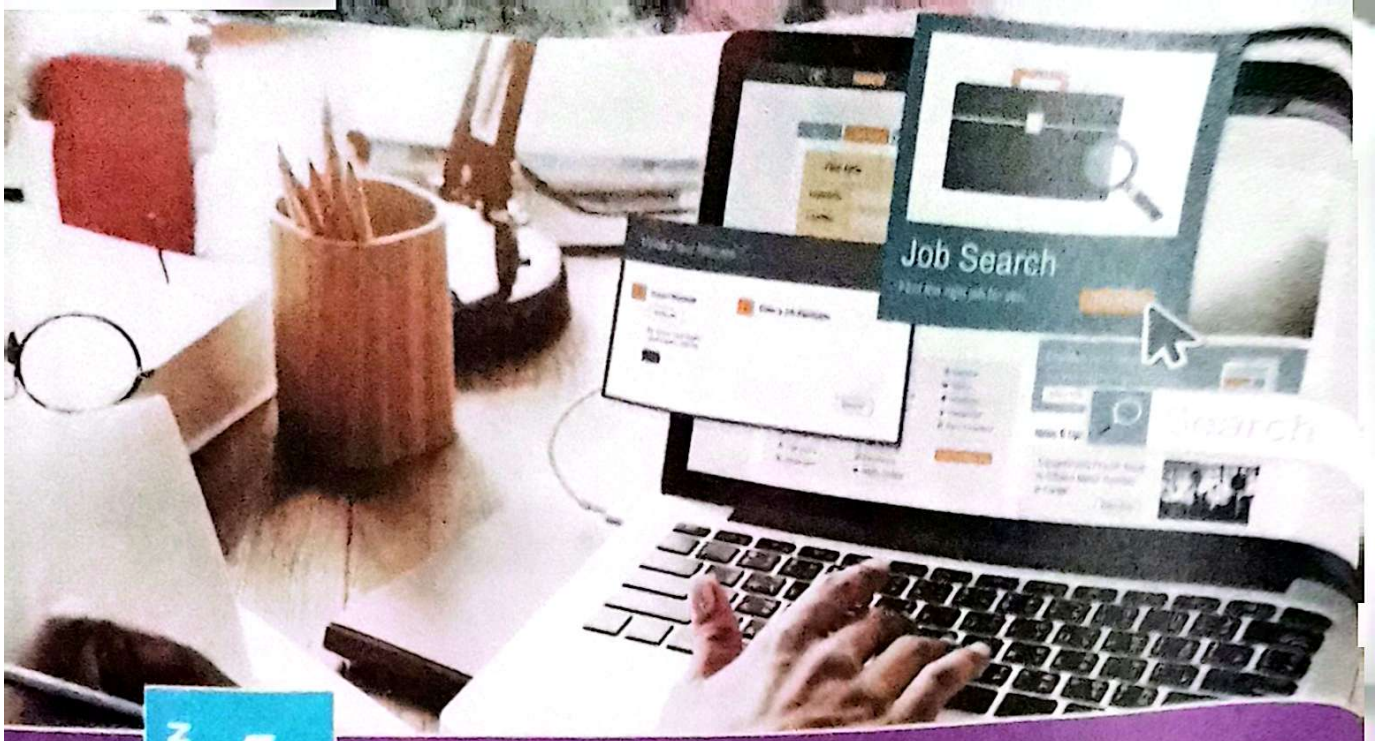
a. Identify in a post. ( )
b. complete your post and share it. ( )
c. Ask your friend permission that you respect his/her privacy. ( )

8 Read and circle the correct one.

I'm Eyad. I like to tag my friends on social media. The tag provides a link to the person's (**profile / address**) I always ask them for (**help / permission**) before tagging.

قم بتلوين الدائرة باللون المناسب لمستواك.

CamScanner



LESSON 4

How to search online

Learn

Searching Safely

البحث بطريقة آمنة

Choose browsers that warn users when they're about to enter an unsafe site or download a harmful app.

اختر المتصفحات التي تحذر المستخدمين عندما يكونوا على وشك الدخول إلى موقع غير آمن أو تنزيل تطبيق ضار.

If you get a warning message إذا تلقيت رسالة تحذير

- Be sure to show your teacher or a family member.

تأكد من عرضها على معلمك أو أحد أفراد أسرتك.

- Do not proceed to the site or with the download.

لا تتابع عملية الدخول إلى الموقع أو عملية التنزيل.

- **Some popular browsers have search engines set up just for children.**

بعض المتصفحات المعروفة لديها محركات بحث معده للأطفال فقط.

- They will only show results that are age-appropriate.

سوف يعرضون فقط النتائج المناسبة للعمر.

browser	متصفح	set up	معده	show	يعرض/يظهر	enter	يدخل
app	تطبيق	warn	تحذير	result	نتيجة	harmful	ضار
proceed	يتابع	popular	معروف	appropriate	مناسبة		

CamScanner

- They include a parental control app and helpful safety tips for children.

تتضمن هذه المتصفحات تطبيقًا يتيح للوالدين مراقبة أطفالهم ونصائح مفيدة مربوطة بأمان الأطفال

- It's fun to watch videos online. A particular website might not be dangerous, but it might contain material you shouldn't view.

من الممتع مشاهدة مقاطع الفيديو عبر الإنترنت ، قد لا يكون موقع ويب معين خطيراً، ولكنه به محتويات لا يجب عرضها

- Choose child-friendly websites that include filters that help you avoid clicking on inappropriate videos.

اختر المواقع الملائمة للأطفال والتي تتضمن عوامل تصفية تساعدك على تجنب النقر على روابط لفيديوهات غير لائقة.

Searching smartly

البحث بطريقة ذكية

- Type longer phrases, not just a couple of words. This will help you get better results.

اكتب عبارات أطول ، وليس بضع كلمات، سيساعدك هذا في الحصول على نتائج أفضل

- If your keywords are too general, you will get too many results. Many of the results will not be relevant to your search.

إذا كانت كلماتك الرئيسية عامة جداً، وستحصل على عدد كبير جداً من النتائج. العديد من النتائج لن تكون ذات صلة ببحثك.

Example:

There is an animal called a jaguar. There is also a car brand called Jaguar. If you type in "jaguar" you may get advertisements for a car! To avoid this type "jaguar animal". "If you were interested in where jaguars live you could type jaguar – animal – habitat".

هناك حيوان يسمى جاكوار، هناك أيضا ماركة سيارة تسمى جاكوار، إذا قمت بكتابة كلمة "جاكوار" فقد تحصل على إعلانات لسيارة! لتجنب ذلك، اكتب "حيوان جاكوار". إذا كنت مهتماً بالمكان الذي يعيش فيه النمور يمكنك كتابة "موطن حيوان جاكوار".

particular	معين/خاص	child-friendly	مناسب للأطفال	filter	تصفية
general	عام	relevant	ذات صلة	avoid	يتجنب/يتحاشى
parental control	رقابة أبوية				

Pop Quiz

▶ **Choose the correct answer from a, b, c or d.**

1. If you get a ..... message, be sure to show a family member.
   a. showing **b.** including **c.** warning **d.** text
2. If your keywords are too general, you will get too many ..... .
   a. results **b.** filters **c.** phrases **d.** messages
3. Choose ..... website that includes filters.
   a. child-friendly **b.** browser **c.** search engine **d.** video site

If you are searching for information on an image.

إذا كنت تبحث عن معلومات عن صورة.

Use the image instead of words in your search.	Use the camera button, and add your image.	Your teacher can help you.
استخدم الصورة بدلاً من الكلمات في بحثك.	استخدم زر الكاميرا وأضف صورتك.	يمكن لمعلمك مساعدتك.

Steps to search for information

خطوات البحث عن المعلومات

- Many search engines ignore some words (like the, and, how, where, or).

تتجاهل العديد من محركات البحث بعض الكلمات (مثل، كيف، أين، أو).

Add a + sign before the word

أضيف علامة + قبل الكلمة

→ If you need these words to be included in your search.

إذا كنت تحتاج إلى تضمين هذه الكلمات في البحث الخاص بك.

To avoid getting unwanted or unnecessary results

لتجنب الحصول على نتائج غير مرغوب فيها أو غير ضرورية

→ add a – before words you would like the search engine to avoid.

أضف – قبل الكلمات التي ترغب محرك البحث في تجنبها.

If you are searching for a particular phrase,

إذا كنت تبحث عن عبارة معينة،

→ put the phrase inside quotation marks " ".

ضع العبارة داخل علامات التنصيص " ".

general	عام	instead of	بدلاً من	button	زر		
image	صورة	sign	علامة	unwanted	غير مرغوب		
ignore	يتجاهل	quotation marks	علامات التنصيص	put	يضع		
unnecessary	غير ضرورية						

CamScanner

Read and identify. اقرأ وعرف.

Word الكلمة	Definition التعريف
Browser المتصفح	a software application that is used for accessing information on the internet أحد التطبيقات المستخدمة للوصول إلى المعلومات على الإنترنت
Search engine محرك البحث	a software application that carries out web searches أحد التطبيقات التي تجرى عمليات بحث على شبكة الإنترنت
Results نتائج	a list that is compiled based on a search قائمة تم تجميعها بناءً على بحث

Pop Quiz

1 **Choose the correct answer from a, b, c or d.**

1. Many search engines ..... some words (like the, and, how, where, or)

   a. warn **b.** need **c.** ignore **d.** write

2. 🕮 If you are searching for information on an image, use the ..... in your search.

   a. image **b.** video **c.** words **d.** letters

2 **Read and write the name of the app.**

1. A software application that is used for accessing information on the internet. (.....)
2. A software application that carries out web searches. (.....)
3. 🕮 A list that is compiled based on a search. (.....)

CamScanner

Stop here !

نقاط هامة وعبارات استرشادية تمكنك من تلخيص واتقان الدرس

استمع الى ملخص الدرس

Lesson Summary

- Some popular browser save search engines set up just for children.
  بعض المتصفحات المعروفة لديها محركات بحث معدة للأطفال فقط.
- These browsers include a parental control app and helpful safety tips for children.
  تتضمن هذه المتصفحات تطبيقات للرقابة الأبوية ونصائح أمان مفيدة للأطفال.
- A particular website might contain material you shouldn't view.
  موقع معين يمكن أن يحتوى على مواد لا يجب عرضها.
- To get better results, type longer phrases, not just a couple of words.
  للحصول على نتائج أفضل، اكتب عبارات أطول وليس بضع كلمات.
- If you are searching for information on an image, use the camera button.
  إذا كنت تبحث عن معلومات عن صورة، استخدم زر الكاميرا وأضف صورتك.
- If you are searching for a particular phrase, put the phrase inside quotation marks.
  إذا كنت تبحث عن عبارة معينة، ضع العبارة داخل علامات تنصيص

How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
How to search online	member	Be sure to show your teacher or a family member if you get a warning message.
	appropriate	Some browsers will only show results that are age-appropriate.
	search	Add(+) sign before the word if you need these words to be included in your search.
	engine	Add(–) before words you would like the search engine to avoid.

CamScanner

General Exercises

On Lesson 4

▶ If you got 🔴 you need to revise the lesson again.

فم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

ممتاز 🟢 جيد جدا 🔵
جيد 🟡 غير جيد 🔴

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. To search for an exact sentence, we put the sentence between ..... .
   a. + b. " " c. – d. @
   [الشرقية - الشرقيه ٢٠٢٣] / [سوهاج المنشاه ٢٠٢٣]

2. We can use ..... to search for information on the internet.
   a. results b. words c. search engines d. videos
   [سوهاج المنشاه ٢٠٢٣] / [بني سويف ٢٠٢٣]

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. You should choose the browser that sends warning to users. [المنيا - المنيا ٢٠٢٣] ( )
2. Choosing search words can't help us get the required search results. [الشرقية - الحسينية ٢٠٢٣] ( )
3. Pictures can be used instead of words in the search process. [السويس ٢٠٢٣] ( )
4. Sign (+) can be added before the word you want to appear in your search results. [الإسكندرية - المنتزه ٢٠٢٣] ( )
5. Add (–) before the words you need to be included in your search. ( )

3 Complete the following sentences with the appropriate words between brackets.

(image – quotation marks - Browser)

1. ..... is a software application that is used for accessing information on the internet. [الشرقية - شرق الزقازيق ٢٠٢٣]
2. If you are looking for information about specific ....., you can use the image instead of words in your search. [الغربية - شرق المحلة ٢٠٢٣]
3. To get specific search results, you have to add ..... to the sentence. [السويس ٢٠٢٣]

4 Match.

(A)	(B)
1. They are used to access on the internet [السويس ٢٠٢٣]	☐ a. type long phrases.
2. To get better results [قنا ٢٠٢٣]	☐ b. a list that is compiled based on search.
3. Results are	☐ c. Browsers.

2. El-Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a, b, c or d.

1. Choose the ..... that includes filters and can avoid clicking inappropriate videos.
   a. child-friendly website b. home page c. hyperlink d. none of them

CamScanner

2. When searching, type ..... when your keywords are too general.
   a. long phrases b. short phrases c. short keyword d. one word only
3. The operator ..... is used to join and add two words.
   a. (*) sign b. (+) sign c. (–) sign d. @ sign
4. The operator ..... is used to exclude one or more from the search results.
   a. (*) sign b. (+) sign c. (–) sign d. (/) sign

5 Read and circle the correct one.

My little sister asks me how to be (safe / unsafe) online. I advice her to choose browsers that (don't tell / warn) users when they're about to enter an unsafe site.

6 Put (✓) in front of correct sentence and (×) in front of the wrong one.

1. Be sure to take advantage of the safety features of browsers you choose to do searches on. ( )
2. From the precautions of using the internet, don't proceed to the site or with download if you get a warning message from the browser. ( )
3. When using internet, choose child-friendly websites that include filters that can avoid clicking on unsafe links. ( )
4. It's fun to watch videos online. But some website might not be dangerous, but it might contain material you shouldn't view. ( )
5. You can't search by using images instead of words. ( )
6. The search engine is a software application that is used to for accessing information on the internet. ( )

7 Choose from column (A) what suits in column (B).

(A)	(B)
1. Software application that is used to for accessing information on the internet	a. Search engine
2. Software used to search on the internet	b. Browser
3. A kind of websites that includes filters for unsafe links	c. Search result
4. A list that is compiled based a search	d. child-friendly websites

قم بتلوين الدائرة باللون المناسب لمستواك.

CamScanner

Revision

on Lessons 3 & 4

مراجعة عامة على الدرسين الثالث والرابع فى ورقة واحدة.

Lesson 3 : Using ICT tools in a healthy and ethical way

Posting online

- When you tag someone, you identify that person in a post, photo, or video.
- Anyone who has access to your account can see the tag.
- The tag provides a link to the person's profile.
- When you post on social media and tag your friends :

1. Make sure to ask them permission first. It shows that you respect their privacy.
2. Before you post something, ask yourself, is this post kind ? Might it be hurtful to others ? If you are unsure, don't post it.

Crediting others

- When you're looking for information to post online or to include in a PowerPoint presentation, it's important :
- Credit sources that provide you with information that you share with other.
- When you credit a source of information, you let others know where the information you are sharing came from.

Lesson 4 : How to search online

Searching safely

- Choose browsers that warn users when they're about to enter an unsafe site or download a harmful app.
- If you get a warning messages :

1. Be sure to show your teacher.
2. Do not proceed to the site or with the download.

Searching smartly

- Type longer phrases, not just a couple of words.
- If your keywords are too general, you will get too many results. Many of the results will not be relevant to your search.
- If you are searching for information on an image

1.Use the image instead of words in your search.
2.Use the camera button, and add your image.
3.Your teacher can help you.

CamScanner

Accumulative Test

On Lessons 1,2,3 & 4

اختبار تراكمى على الدروس من الدرس الأول للدرس الرابع.

1 **Choose the correct answer from a, b, c or d.**

1. Choose ..... that include filters that can help you avoid clicking inappropriate videos.
   a. child-friendly website b. homepage c. hyperlink d. none of them
2. 🕮 The tag provides a ..... to the person's profile, to see the post.
   a. webpage b. link c. homepage d. password
3. When you ..... someone, you identify that person in a post.
   a. tag b. block c. report d. mention
4. The operator ..... is used to join and adding two words.
   a. (*) sign b. (+) sign c. (–) sign d. (/) sign

2 **Put (✓) in front of correct sentence and (✗) in front of the wrong one.**

1. Be sure to take advantage of the safety features of browsers you choose to do searches on. ( )
2. When using internet, choose child-friendly website that include filters that can clicking on unsafe links. ( )
3. 🕮 Media sources can use the internet to communicate important messages. ( )
4. It is not important to test information that obtained online. ( )
5. 🕮 The tablet is one of the devices through which you can access the internet. ( )

3 **Choose from column (A) what suits in column (B).**

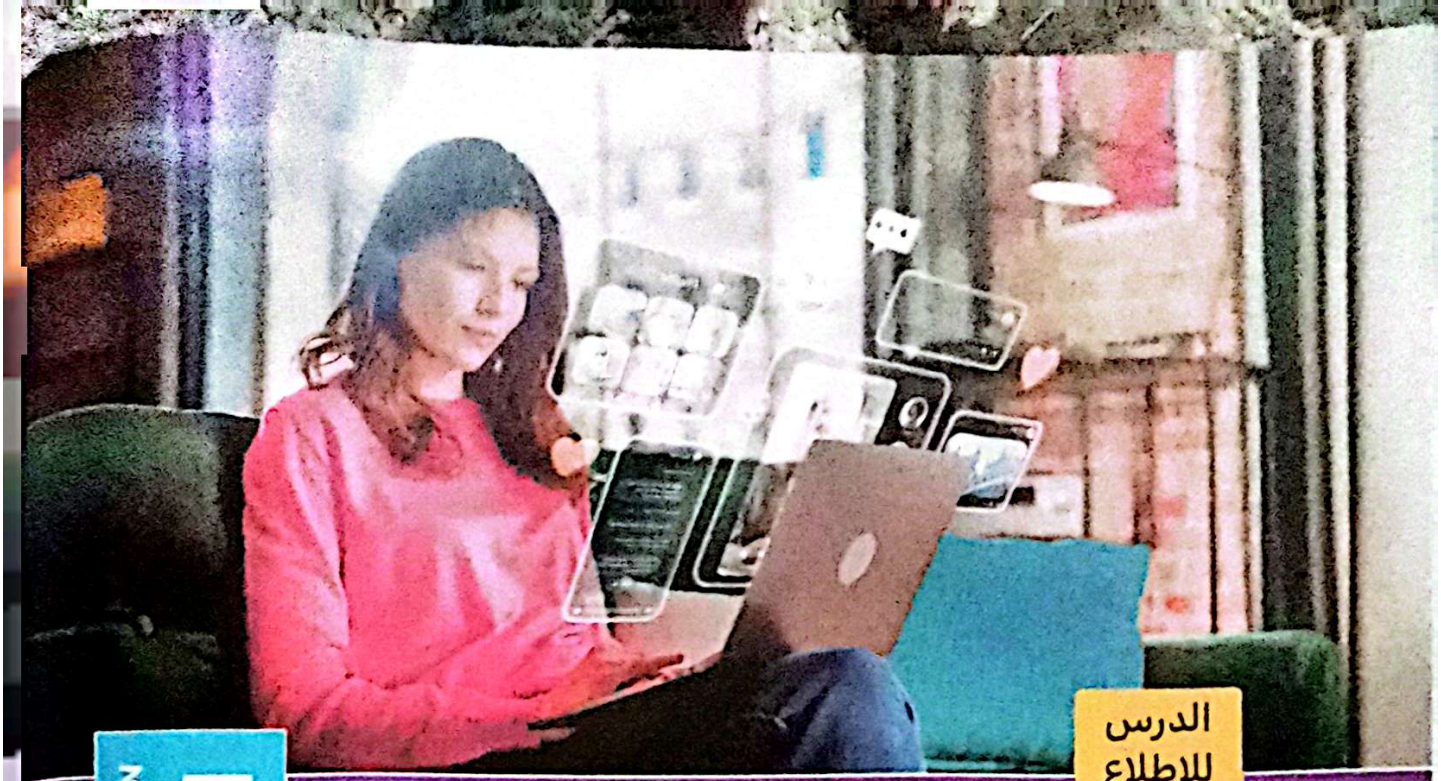
(A)	(B)
1. Software used to search on the internet.	☐ a. Search engine
2. 🕮 Kind of websites that include filters for unsafe links.	☐ b. child-friendly websites

4 **Read and correct the words between brackets.**

1. (Card) sources provide you with information that you share with others. ( )
2. 🕮 Reading the news is one of the (negative) effects of using ICT tools. ( )
3. Eye strain and headache are from the (positive) effects of using ICT tools. ( )

يمكنك المراجعة باستمرار (تراكمية) من خلال الصفحة السابقة.

CamScanner



الدرس للإطلاع

LESSON 5

How to check whether information online is true

Learn

- There are countless online sources that provide valuable information. However, not all online sources are reliable.

هناك عدد لا يحصى من المصادر على الإنترنت التي توفر معلومات قيمة ومع ذلك، ليست كل المصادر عبر الإنترنت موثوقة.

Unreliable online sources

مصادر عبر الإنترنت غير موثوقة

- Social media apps and websites can connect you to information you may be looking for.

يمكن لتطبيقات مواقع التواصل الاجتماعي ومواقع الويب توصيلك بالمعلومات التي تبحث عنها.

- The information could include some credible information, but it could include opinions, errors, or even lies.

قد تكون المعلومات الواردة في هذه الصفحات ذات مصداقية، ولكن قد تحتوي على أراء شخصية، أخطاء أو حتى أكاذيب.

- Wiki sources and blogs aren't reliable.

مصادر ويكي والمدونات غير موثوق بها.

countless	لا يحصى	valuable	قيم	reliable	موثوق	credible	يُصدق	
errors	أخطاء	lies	أكاذيب	blogs	مدونات	social media	مواقع التواصل الاجتماعي	

Confirming reliable sources التأكد من المصادر الموثوقة

- Check to make sure the date of the publication is current. تأكد من أن تاريخ النشر حديث.
- Check the authors – who are they ? are they experts in their field ?
  تحقق من المؤلفين – من هم ؟ هل هم خبراء فى مجالهم ؟
- Ask your teacher or a family member to help you check.
  اطلب من معلمك أو من أحد أفراد أسرتك المساعدة فى التأكد من ذلك.

A reliable source مصدر موثوق به

Will be well – written. سنكون مكتوبة بشكل جيد	With almost no mistakes. تقريباً بلا أخطاء	The design of the page will look professional. سيبدو تصميم الصفحة احترافياً

Website موقع الكتروني	The types of groups that run them أنواع المجموعات التى تديرها
Gov.eg	Governmental sites المواقع الحكومية
Org.eg	Egyptian organizations/ non – profit organizations منظمات مصرية/ منظمات غير ربحية
Edu.eg	Egyptian Educational sites (colleges and universities) مواقع تعليمية مصرية [كليات وجامعات]
Com	Businesses commercial sites المواقع التجارية

Pop Quiz

▶ **Choose the correct answer from a, b, c or d.**

1. To confirm reliable sources, check the ..... of publication.
   a. name **b.** job **c.** date **d.** address
2. 🕮 Wiki sources and blogs aren't ..... .
   a. reliable **b.** unreliable **c.** incredible **d.** untrue

date تاريخ | well-written مكتوب بشكل جيد | professional احترافي
author مؤلف | current الحالى | organization منظمات
publication النشر | mistakes أخطاء

CamScanner

The Egyptian Knowledge Bank

بنك المعرفة المصري

Egyptian Knowledge Bank
بنك المعرفة المصري

- The Egyptian government is doing its best to protect its citizens from unreliable online sources.
  تبذل الحكومة المصرية قصارى جهدها لحماية مواطنيها من مصادر الإنترنت غير الموثوقة
- In January 2016, the Egyptian Knowledge Bank (EKB) offered free access to their library to Egyptian citizens
  في يناير ٢٠١٦، قدم بنك المعرفة المصري (EKB) للمواطنين المصريين الدخول المجاني إلى مكتبته.
- The library contains materials on various subjects. تحتوي المكتبة على مواد حول مواضيع مختلفة.
- All information has been verified as accurate. تم التحقق من دقة جميع المعلومات
- You can feel confident that the information provided by the EKB is reliable.
  يمكنك أن تثق في مصداقية المعلومات المقدمة من بنك المعرفة المصري.

Researching online can be a lot of fun, but it can also be challenging.

يمكن أن يكون البحث عبر الإنترنت ممتعاً للغاية، ولكنه قد يكون أيضاً صعباً.

Remember, Knowledge is power. Use what you learned here to help you determine if an online source is reliable or not.

تذكر، المعرفة قوة. استخدم ما تعلمته هنا لمساعدتك في تحديد ما إذا كان المصدر عبر الإنترنت موثوقاً أم لا.

الآن يمكنك تقييم نفسك أولاً بأول

الجزء الثانى من الكتاب

EL-MOASSER

Interactive Notebook

كراسة المعاصر التفاعلية التى تشتمل على

- مراجعة المنهج فى ساعة واحدة قبل الامتحان
- امتحانات شهرية على المنهج بالكامل
- عشرون اختبار من مختلف المحافظات

government	حكومة	citizen	مواطن	offer	يعرض - يقدم		
library	مكتبة	various	متنوع	confident	ثقة		

Stop here !

Lesson Summary

- There are countless online sources that provide valuable information.
- Social media can connect you to information you may be looking for.
- Wiki sources and blogs aren't reliable.
- A reliable source will be well – written.
- A reliable source will be with almost no mistakes.
- When reviewing online sources, check to make sure the date of the publication is current.
- The Egyptian Knowledge Bank (EKB) offered free access to their library to Egyptian citizens.

How to deal with the exam

Topic	Guiding words	Exam items
How to Check whether information online is true	teacher – check	Ask your teacher or a family member to help you check.
	library – various	The library contains materials on various subjects
	online – fun	Researching Online can be a lot of fun, but it can also be challenging.
	confident - EKB	You can feel confident that the information provided by the EKB is reliable.

General Exercises

On Lesson 5

• If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة

ممتاز 🟢 جيد جدًا 🟢 جيد 🟡 مقبول 🔴

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. ..... is considered from unreliable digital sources. [المنيا - المنيا ٢٠٢٣]
   a. Wiki b. EKB c. GOV d. Org
2. ..... which end (.com) are trusted sites. [القاهرة - المعصرة ٢٠٢٣]
   a. Websites b. Tablets c. Laptops d. Books
3. Egyptian Knowledge Bank (EKB) is one of ..... . [القاهرة - الشروق ٢٠٢٣]
   a. banned sites b. reliable online sources
   c. chatting programs d. businesses commercial sites
4. The websites whose links (.gov) is ..... source on the internet. [الجيزة - كرداسة ٢٠٢٣]
   a. unreliable b. reliable c. banned d. unwanted

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Social media is the best to reach accurate information. [المنيا - دير مواس ٢٠٢٣] ( )
2. Unreliable source sites look professional and well written. [الغربية - شرق المحلة ٢٠٢٣] ( )
3. The websites that end with (.com) are trusted websites. [الشرقية ٢٠٢٣] ( )
4. The information written by experts is trusted. [القاهرة - الخليفة والمقطم ٢٠٢٣] ( )

3 Complete the following sentences with the appropriate words between brackets.

(Edu.eg – educational – EKB)

1. ..... is the online library that includes accurate information. [الغربية - شرق المحلة ٢٠٢٣]
2. ..... are educational sites which are run by colleges and universities. [القاهرة ٢٠٢٣]
3. Site ended with .edu is an ..... one. [الجيزة - ٦ أكتوبر ٢٠٢٣]

4 Match.

(A) Domains	(B) Types of Groups
1. Gov.eg	☐ a. Egyptian organizations
2. Org.eg	☐ b. Governmental sites
3. Com	☐ c. Educational sites
4. Edu.eg	☐ d. Commercial sites

CamScanner

2. El-Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a, b, c or d.

1. The information that includes opinions, errors, or even lies is called .....
   a. unreliable b. reliable c. trusted d. verified
2. The information that includes opinions, errors, or even lies may come from .....
   a. social media b. Facebook c. blogs b. all of them
3. Wiki sources and blogs are from ..... sources.
   a. unreliable b. reliable c. trusted d. credible

6 Put (✓) in front of correct sentence and (x) in front of the wrong one.

1. Websites with .gov, .org, and edu can be particularly credible. They are run by government agencies, non- profit organization, foundations, colleges, and universities. ( )
2. The EKB offered paid access to their library to Egyptian citizens. ( )

7 Complete the following sentences with the appropriate words between the brackets.

(Unreliable - social media - Edu - EKB)

1. ..... offered free access to their library to Egyptian citizen.
2. ..... means educational website.
3. The information that includes opinions, errors, or even lies may come from ..... sources.

8 Rearrange the following steps for reviewing online sources.

a. Check the authors, are they expert in their field. ( )
b. Ask your teacher or a family member to help you to check. ( )
c. Check the date of the publication answer. ( )

9 Read and write the name of website.

1. The website of Governmental sites. ( )
2. The website for Egyptian organization. ( )
3. The website for Egyptian Educational sites. ( )
4. The website for Businesses commercial sites. ( )

قم بتلوين الدائرة باللون المناسب لمستواك.

CamScanner

LESSON 6

Who can help you with online problems ?

Learn

Online bullying التنمر عبر الإنترنت

Bullying : التنمر :

- Is repeated unkind behavior towards someone. هو سلوك غير لطيف يتكرر تجاه شخص ما.
- Online bullying can include mean posts, messages, or texts. They may be shared with just you or with others, too.

يمكن أن يشمل التنمر عبر الإنترنت المنشورات أو الرسائل أو النصوص السيئة. قد يتم مشاركتها معك وحدك أو مع الآخرين أيضاً.

- Our devices are always with us, so it can be hard to escape this kind of bullying. This may make you feel trapped.

أجهزتنا معنا دائماً، لذلك قد يكون من الصعب الهروب من هذا النوع من التنمر هذا يجعلك تشعر أنك محاصر.

How to avoid online bullying
كيفية تجنب التنمر عبر الإنترنت

Make sure not to contact anyone you don't know.

تأكد من عدم الاتصال بأي شخص لا تعرفه

Ask your teacher or a family member for help in any situation that may be dangerous to you.

اسأل معلمك أو أفراد الأسرة للمساعدة في أي موقف قد يكون خطيرا عليك

bully	تنمر	behavior	سلوك	device	جهاز		
escape	يهرب	trapped	محاصر	avoid	يتجنب		

CamScanner

Online identity theft سرقة الهوية عبر الإنترنت

You may get stolen online
قد تتعرض للسرقة عبر الإنترنت

Your identity.
هويتك

A family member's identity.
هوية أحد أفراد الأسرة

▸ When you get stolen: عندما تسرق

1. Someone uses your personal information.
شخص ما يستخدم معلوماتك الشخصية.

2. They may have access to your social media accounts.
قد يكون لديهم حق الوصول إلى حسابات وسائل التواصل الاجتماعي الخاصة بك.

3. They could see your address, email or phone number.
يمكنهم رؤية عنوانك او بريدك الإلكتروني او رقم الهاتف.

Pop Quiz

▸ Choose the correct answer from a, b, c or d.

1. 🕮 Your identity may get ..... online
   a. closed **b.** stolen **c.** opened **d.** caught
2. When you get stolen, they may have access to your social media ..... .
   a. accounts **b.** phones **c.** emails **d.** tablets

Online Problems مشاكل عبر الإنترنت

- They are common. المشاكل عبر الإنترنت شائعة.
- They can be scary and make you feel helpless. يمكن أن تكون مخيفة وتجعلك تشعر بالعجز.
- You can always get help. No matter how embarrassed or scared you may feel, tell a person you trust.
يمكنك دائماً الحصول على المساعدة. مهما كانت درجة إحراجك أو خوفك فعليك أن تخبر شخصًا تثق فيه.
- Your local police department and the Egyptian government are dedicated to protecting you, too! قسم الشرطة فى منطقتك والحكومة المصرية يكرسون مجهودهم لحمايتك أيضا !

stolen	مسروق	identity	هوية	theft	سرقة		
personal	شخصى	account	حساب	address	عنوان		
common	شائع	scary	مخيف	helpless	عاجز		
embarrassed	محرج	dedicated	مكرس - ملازم	local police	الشرطة المحلية		

CamScanner

What can you do about online problems?

ماذا يمكنك أن تفعل حيال مشاكل الإنترنت ؟

- You don't have to solve online problems on your own.

لست مضطراً إلى حل المشكلات عبر الإنترنت بمفردك.

- When you face them, be sure to talk to your teacher or a family member about them.

عندما تواجههم ، تأكد من التحدث إلى معلمك أو أحد أفراد أسرتك حول هذا الموضوع

- Family members may feel that people in authority should get involved. This can include the police or the General Department for Combating Internet Crimes in Egypt.

قد يشعر أحد أفراد أسرتك بضرورة تدخل السلطات المختصة. يمكن أن يشمل ذلك الشرطة أو الإدارة العامة لمكافحة جرائم الإنترنت في مصر.

Pop Quiz

1 Choose the correct answer from a, b, c or d.

1. Online ..... can be scary and make you feel helpless.
   a. boxes b. problems c. lessons d. programmes
2. Online problems are ..... .
   a. available b. trusted c. common d. secret

2 Read and tick (✓) the correct one.

1. Bullying
   - ☐ is a device we use to send messages.
   - ☐ is unkind behavior towards someone.
2. The identity
   - ☐ is the personal information.
   - ☐ is a website.
3. Online theft is
   - ☐ to get prizes online.
   - ☐ to be stolen online.

CamScanner

Stop here !

نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.

استمع إلى ملخص الدرس

Lesson Summary

- Bullying is repeated unkind behavior towards someone.

التنمر سلوك قاسى متكرر تجاه شخص ما.

- Online bullying can include mean posts, messages, or texts.

يمكن أن يتضمن التنمر عبر الإنترنت المنشورات أو الرسائل أو النصوص السيئة.

- To avoid online bullying, make sure not to contact anyone you don't know.

لتجنب التنمر عبر الإنترنت ، تأكد من عدم الاتصال بأى شخص لا تعرفة.

- Your identity, or a family member's identity may get stolen online.

قد تتعرض لسرقة هويتك أو هوية أحد أفراد الأسرة.

- When you get stolen, someone uses your personal information.

عندما تسرق ، شخص ما ستخدم معلوماتك الشخصية.

- Online problems are common.

المشاكل عبر الإنترنت تكون شائعة.

- You don't have to solve online problems on your own.

لست مضطراً على حل المشكلات عبر الإنترنت بمفردك.

How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Who can help you with online problems ?	sure – contact	Make sure not to contact anyone you don't know.
	see – address	They could see your address, email or phone number.
	scary – helpless	Online problems can be scary and make you feel helpless.
	face – family member	When you face online problems, be sure to talk to your teacher or a family member about them.

CamScanner

General Exercises

On Lesson 6

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. ..... in Egypt is responsible for dealing with all kinds of crimes.
   a. The ministry of health
   b. The ministry of communication
   c. The General Department for combating internet crimes
   d. The ministry of education
2. Online bullying can include ..... .
   a. text messages
   b. messages include threats
   c. posts
   d. all of them
3. A bully is a ..... person. [القاهرة ٢٠٢٣]
   a. good
   b. smart
   c. active
   d. bad

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. Bullying is repeated unkind behavior towards someone. [الدقهلية - منية النصر ٢٠٢٣] ( )
2. Communicating with an unknown person may expose you to bullying. [بني سويف - بيا ٢٠٢٣] ( )
3. The best way to avoid internet problems is not to use internet. ( )
4. The Egyptian government is dedicated to protecting you from online problems. [الشرقية - كفر صقر ٢٠٢٣] ( )

3 Complete the following sentences with the appropriate words between brackets.

(Online problems – address - Online bullying)

1. ..... is a repeated unkind behavior towards someone. [الجيزة-٦أكتوبر ٢٠٢٣]
2. ..... are common and you can always get help. [بني سويف-بيا ٢٠٢٣]
3. When you get stolen, someone can see your email and personal ..... .

4 Match.

(A)	(B)
1. Online problems	☐ a. Someone's attempt to seize your Personal information.
2. Identity theft	☐ b. Someone uses your personal information.
3. When you get stolen	☐ c. Educational sites.
	☐ d. are common.

CamScanner

2. El-Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a, b, c or d.

1. Online bullying can include ..... .
   a. mean posts
   b. mean messages
   c. mean texts
   d. all of them
2. When someone steals your account on social media, it means that you have been exposed to ..... .
   a. refreshing your account
   b. identity theft
   c. updating your account
   d. copying your account
3. If your identity gets stolen online ..... .
   a. they may use your personal information
   b. they could see your homework
   c. they may help you
   d. none of them
4. If you find your personal data on another account on social media, this means ..... .
   a. bullying
   b. identity theft
   c. normal use
   d. browsing
5. If you find an inappropriate image when browsing the Internet, the best action is ..... .
   a. not dealing with the Internet
   b. closing the device immediately and do not use it again
   c. closing the website and then take the teacher's opinion
   d. not opening the device
6. Bullying can make you ..... .
   a. have anxiety in dealing with the Internet
   b. have social media anxiety
   c. get information you want
   d. both a & b

6 Put (✓) in front of correct sentence and (×) in front of the wrong one.

1. When there are problems related to dealing with the social network, the Internet police can be resorted to. ( )
2. Online bullying can include text messages only. ( )
3. Bullying is repeated unkind behavior towards someone. ( )
4. One of the ways of avoiding online bullying, make sure not to contact anyone you don't know. ( )

CamScanner

5. Don't ask your teacher or a family member before contacting with unknown people on the internet ( )

6. Online problems are common. ( )

7. You should seek help with problems dealing with the internet. ( )

7 Your friend is getting bullied online. He/she is upset. What do you say to your friend?

1. You're being a bit silly about this. Get over it.
2. Let's bully them back
3. We should get their personal information and post it for everyone to see. Then they will stop
4. You need to tell your teacher or a family member, even if you don't want to do.

8 Read and choose the correct one.

a. **You accidentally end up on a website that includes bad language and scary images. What do you do?**

1. Forward it to a friend and ask if this is something you should show to your teacher or a family member
2. Look for contact information on the site, so you can send a complaint
3. Leave the site immediately. Ask your teacher or a family member to help set parental controls on your device
4. Leave the site immediately, and never go online again

b. **Rearrange the following to avoid online bullying :**

a. ask your teacher or a family member for help in any situation. ( )

b. don't feel trapped. ( )

c. make sure not to contact any one you don't know. ( )

9 Read and circle the correct one.

There are some online problems. Bullying is repeated (**kind / unkind**) behavior towards you. It can include posts, messages or (**games / texts**).

قم بتلوين الدائرة باللون المناسب لمستواك.

Revision

on Lessons 5 & 6

مراجعة عامة على الدرسين الخامس والسادس في ورقة واحدة.

Lesson 5 : How to check whether information online is true

Confirming reliable sources

- Make sure the date of the publication is current.
- Check the authors.
- Ask your teacher to help you check.

The Egyptian knowledge Bank

- All information has been verified as accurate.
- You can feel confident that the information is reliable.
- The library contains materials on various subject.

Lesson 6 : Who can help you with online problems ?

Online Bullying

Bullying:

- Is repeated unkind behavior towards someone.
- Online bullying can include mean posts, messages, or texts. They may be shared with just you or with others too.
- Our devices are always with us, so it can be hard to escape this kind of bullying.

This may make you feel trapped.

- How to avoid online bullying
  - Make sure not to contact anyone you don't know.
  - Ask your teacher or a family member for help in any situation that may be dangerous to you.

Online problems

- They are common.
- They can be scary and make you feel helpless.
- You can always get help. No matter how embarrassed or scared you may feel tell a person you trust.
- Your local police department and the Egyptian government are dedicated to protecting you, too !

CamScanner

Accumulative Test

On Lessons 1, 2, 3, 4, 5 & 6

اختبار تراكمى على الدروس من الدرس الأول للدرس السادس.

1 Choose the correct answer from a, b, c or d.

1. 🕮 ..... is repeated unkind behavior towards someone.
   a. Bullying b. social media c. Browsing d. EKB
2. Online bullying can include ..... .
   a. mean posts b. messages c. both (a) & (b) d. nice words
3. If you find your personal data on another account on social media, this means ..... .
   a. bullying b. identity theft c. normal use d. hacking
4. 🕮 The information that includes opinions, errors, or even lies is called ..... .
   a. unreliable b. reliable c. trusted d. valuable
5. The information that includes opinions, errors, or even lies may come from ..... .
   a. social media b. Facebook
   c. both (a) & (b) d. educational website
6. 🕮 ..... is a global network that connects millions of sets around the world.
   a. Computer b. Router c. Internet d. Account
7. ..... is a type of E-mail, that contains unwanted message to advertise products.
   a. Spam message b. Data message
   c. Personal message d. None of them

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. When there are problems related to dealing with the social network, the Internet police can be resorted to. ( )
2. 🕮 Online bullying can include text messages only. ( )
3. Social media always provide trusted information. ( )
4. You can't connect to the internet via mobile phone. ( )
5. Social media apps and websites can connect you to information you may be looking for on the internet about people. ( )
6. 🕮 EKB website is one of the unreliable sources. ( )

CamScanner

7. When you tag someone, you identify that person in a post. ( )
8. Browser is a software application that is used for accessing information on the internet. ( )
9. Anika Ullah is an archaeologist. ( )

3 Match the website domains to the types of groups that run them.

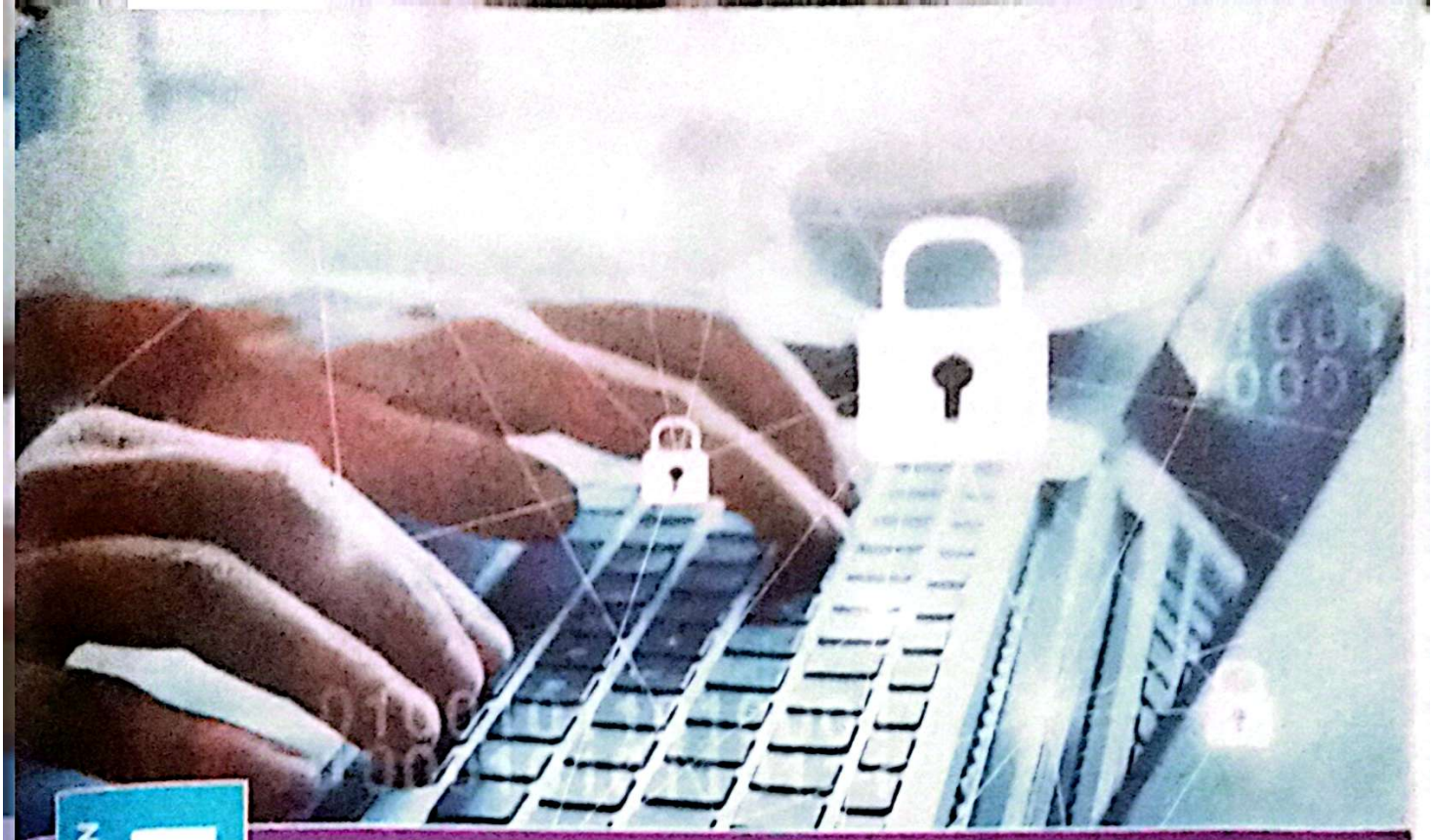
(A)	(B)
1. Gov	☐ a. Egyptians organization.
2. Org	☐ b. Governmental sites
3. Edu	☐ c. Commercial sites.
4. Com	☐ d. Educational sites

4 Read and tick (✓) the correct answer.

1. When you want to tag your friend
   ☐ don't ask him permission. ☐ ask him permission first.
2. When you go post something
   ☐ don't go to banned sites. ☐ go to any site.
3. The positive effect of using ICT tools is to
   ☐ get eye strain or headaches. ☐ communicate with your family and friends.

يمكنك المراجعة باستمرار (تراكمية)
من خلال الصفحة السابقة.

CamScanner

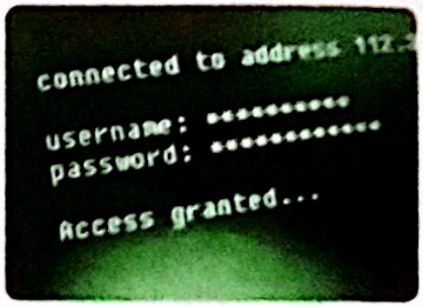


LESSON 7

My personal digital safety plan

Learn

Creating strong passwords إنشاء كلمات مرور قوية



- It is important to have strong passwords.

من المهم أن يكون لديك كلمات مرور قوية.

- If your passwords are easy to guess, people can get into your computer or accounts.

إذا كان من السهل تخمين كلمات المرور الخاصة بك، فيمكن للأشخاص الدخول إلى جهاز الكمبيوتر والحسابات الخاصة بك

- This is called hacking and the people who do it are called hackers.

هذا يسمى القرصنة والأشخاص الذين يقومون بذلك يطلق عليهم قراصنة

create يخلق guess يخمن strong قوي hacker قرصان / مخترق

▸ How to create strong password ? كيفية إنشاء كلمة مرور قوية ؟

- Don't use the same password for all your accounts.
  لا تستخدم نفس كلمة المرور لجميع حساباتك
  - If someone gets your password, they will be able to access your other accounts too.
    إذا حصل شخص ما على كلمة مرورك، فسيكون قادراً على الوصول إلى حساباتك الأخرى أيضاً
- To remember your passwords. لتذكر كلمات المرور الخاصة بك
  - Use a password manager. استخدم مدير كلمات المرور

Or أو

- Keep a list of your passwords in a safe place that only you and your teacher or a family member have access to.
  احتفظ بقائمة كلمات المرور الخاصة بك في مكان آمن لا يمكن لأحد سواك أو معلمك أو أحد أفراد أسرتك الوصول إليه.

❶ Your password shouldn't include your name or other personal details.
يجب ألا تتضمن كلمة المرور الخاصة بك اسمك أو تفاصيل شخصية أخرى.

❷ Your password should be at least eight characters long.
يتكون كلمة المرور الخاصة بك من ثمانية أحرف على الأقل.

❸ A strong password will include letters, numbers, and special characters.
ستضمن كلمة المرور القوية أحرفاً وأرقاماً ورموز خاصة.

Example :

Weak Password كلمة مرور ضعيفة

Abdelaziz456 — Weak

abc123 — Weak

Strong Password كلمة مرور قوية

dQvII4@vtM — Strong

Password*1 — Strong

personal details	تفاصيل شخصية	at least	على الأقل	weak	ضعيف
list	قائمة	manager	مدير		

Choosing anti-virus software

اختيار برنامج مضاد للفيروسات

A computer virus can cause big problems, such as:

يمكن أن تسبب فيروس الكمبيوتر فى حدوث مشكلات كبيرة مثل :

sending an email to everyone on your computer.

إرسال بريد إلكترونى إلى كل شخص على جهاز الكمبيوتر الخاص بك.

deleting your files.

حذف ملفاتك.

- You should always protect your devices with anti-virus software. يجب عليك دائماً حماية أجهزتك ببرامج مكافحة الفيروسات.
- Choose software that protects your device and is easy to use. اختر برنامجاً يحمى جهازك وسهل الاستخدام.

- A good anti-virus software catches viruses before they affect your device.

ترصد البرامج الجيدة لمكافحة الفيروسات، الفيروسات قبل أن تؤثر على جهازك.

- It can also remove viruses that have already affected your device.

يمكنك أيضاً إزالة الفيروسات التي أثرت بالفعل على جهازك.

- It can fix damaged files. يمكن أن يصلح الملفات التالفة.

Pop Quiz

▶ Choose the correct answer from a, b, c or d.

1. 🕮 Don't use the same password for all your ..... .

   a. lessons **b.** viruses **c.** accounts **d.** books

2. Choose software that ..... your device and is easy to use.

   a. sends **b.** protects **c.** remembers **d.** bullies

viruses فيروسات remove يزيل delete يحذف anti-virus مضاد الفيروسات

CamScanner

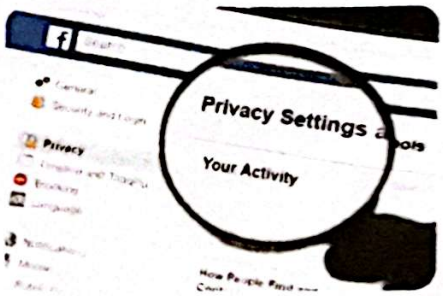
Be careful while using the internet كن حذرًا أثناء استخدام الإنترنت

• You should be aware of the importance of staying safe while using the internet.
يجب أن تدرك أهمية الحفاظ على سلامتك أثناء استخدام الإنترنت.

To be safe Online لكي تكون آمنًا على الإنترنت

1. By using different passwords for
باستخدام كلمات مرور مختلفة لـ
   - Your accounts on different websites including social media platforms like Facebook, and email sites.
     حساباتك على مواقع الويب المختلفة بما في ذلك منصات التواصل الاجتماعي مثل الفيس بوك أو مواقع البريد الإلكتروني.
   - Your digital devices (computer, laptop, tablet, mobile phone).
     أجهزتك الرقمية [كمبيوتر، كمبيوتر محمول، جهاز لوحي، تليفون محمول].

2. ▸ By installing anti-virus softwares on those devices.
عن طريق تثبيت برامج مكافحة الفيروسات على تلك الأجهزة.



▸ There are websites that offer security services for your accounts.
هناك مواقع إلكترونية تقدم خدمات أمنية لحساباتك.

▸ They do this by giving you instructions to follow for creating passwords for your personal accounts.
يفعلون ذلك من خلال إعطائك التعليمات التي يجب مراعاتها لإنشاء كلمات مرور خاصة بحساباتك.

▸ Make sure you choose strong passwords which nobody can guess.
تأكد من اختيار كلمات مرور قوية لا يستطيع أحد تخمينها.

Pop Quiz

▸ **Choose the correct answer from a, b, c or d.**

1. To be safe online, use ..... passwords for your accounts.
   a. short **b.** different **c.** same **d.** easy
2. There are ..... that offer security services for your accounts.
   a. websites **b.** passwords **c.** accounts **d.** platforms

devices	أجهزة	instructions	تعليمات	security	أمنية		
follow	يتبع	offer	يعرض	nobody	لا أحد		
digital	رقمي	careful	حذراً	sites	مواقع		

CamScanner

Stop here !

استمع الى ملخص الدرس

Lesson Summary

- It is important to have strong passwords. من المهم أن يكون لديك كلمات مرور قوية
- People who do hacking are called hackers.
الأشخاص الذين يقومون بالقرصنة يطلق عليهم قراصنة
- Don't use the same password for all your accounts.
لا تستخدم نفس كلمة المرور لجميع حساباتك
- To remember your passwords, use a password manager.
لتذكر كلمات المرور الخاصة بك، استخدم مدير كلمات المرور
- A computer virus can cause big problems, such as deleting your files.
يمكن أن يتسبب فيروس الكمبيوتر في حدوث مشكلات كبيرة مثل حذف ملفاتك
- Choose software that protects your device and is easy to use.
اختر برنامجاً يحمي جهازك وسهل الاستخدام
- To be safe online, install anti-virus software on your devices.
لكي تكون آمناً عبر الإنترنت، قم بتثبيت برامج مكافحة الفيروسات على أجهزتك

How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam Items
My personal digital safety plan	guess - accounts	If your passwords are easy to guess, people can get into your computer or accounts.
	a list - safe	Keep a list of your passwords in a safe place that only you and your teacher or a family member have access to.
	details	Your password shouldn't include your name or other personal details.
	at least	Your password should be at least eight characters long.
	protect - devices	You should always protect your devices with anti-virus software.
	viruses	A good anti-virus software catches viruses before they affect your device.
	accounts	Don't use the same password for all your accounts.
	websites - security	There are websites that offer security services for your accounts.
	be careful	Be careful while using the internet.
	damaged - files	Anti-virus software can fix damaged files.

CamScanner

General Exercises

On Lesson 7

▸ If you get 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 أعد حل ثم راجعه الدرس مرة أخرى من الصفحة السابقة

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. The ..... program protects your devices from the risks that may harm.
   a. word processing b. PowerPoint presentations
   c. anti-virus d. browser [أبو سويلم - بني سويف ٢٠٢٣]

2. One of the strongest passwords is ..... [القليوبية ٢٠٢٣]
   a. Mostafa b. Ahmed@3# c. 12345678 d. 123 Ali

3. It is necessary that your password contains letters, ...
   a. numbers and special symbols b. your name and address
   c. date of birth d. phone number

4. Some files on the internet may have ..... can damage your computer.
   a. information b. viruses c. data d. photos
   [الصنوفية - شمس الكوم ٢٠٢٣]

5. Which of the following passwords are considered strong password .....
   a. dQvI@v3tM b. Ahmed1234 c. abc123 d. 2468
   [القاهرة - حدائق القبة ٢٠٢٣]

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. abc123 is a strong password. [الإسماعيلية ٢٠٢٣] ( )
2. Creating a strong password is a good safety plan. [الجيزة - ٦ أكتوبر ٢٠٢٣] ( )
3. A strong password should be at least eight characters. [الصنوفية - السادات ٢٠٢٣] ( )
4. Your password must include your name. [القاهرة ٢٠٢٣] ( )

3 Complete the following sentences with appropriate words between brackets.

(anti-virus – Viruses – Password)

1. ..... must include symbols, number and special signs. [الجيزة - كرداسة ٢٠٢٣]
2. You can use ..... to protect your device from viruses. [الإسكندرية - العجمي ٢٠٢٣]
3. ..... could damage and delete your files. [الجيزة - إبشاي البارود ٢٠٢٣]

CamScanner

4 Match.

(إدارة جنوب الغردقة التعليمية - سوهاج)

(A)	(B)
1. A strong password (الشرقية - شرق الزقازيق ٢٠٢٣)	a. anti-virus programs.
2. Help you to protect your device from damage that may harm it	b. use a password manager.
3. To remember your password (الإسكندرية ٢٠٢٣)	c. will include letters, number, and special characters.

2. El-Moasser Exercises تدريبات كتاب المعاصر

5 Choose the correct answer from a, b, c or d.

1. One of the safety precautions of internet is to use ..... passwords to all your accounts.
   a. same b. different c. weak d. similar
2. If it is difficult for you to remember all your passwords, you can use ..... .
   a. password manager b. Antivirus c. PowerPoint d. Google chrome
3. If someone obtains the password for you account on the social networking site, this is ..... .
   a. organizing. b. classification c. hacking d. searching
4. ..... can cause big problems, such as sending an email to everyone on your computer or deleting your files.
   a. Windows b. Computer viruses
   c. Internet explorers d. Anit-virus programs
5. You can be safer by using different passwords for your accounts on different websites including ..... .
   a. facebook b. e-mail c. social media d. all of them
6. ..... program must be installed on your computer to protect your files from infections.
   a. Anti-virus b. Computer virus c. Internet d. Hacking
7. A good anti-virus software can ..... .
   a. catch viruses before they affect your device
   b. fix the damaged files
   c. catch viruses after they affect your device
   d. all of them
8. ..... password is considered strong because it contains the letters, number, and symbols.
   a. abcdefghi b. 12345678 c. A!@2bcdw$ d. 567Abc
9. A strong password must include at least ..... .
   a. 8 characters b. 5 characters c. 12 characters d. 10 characters

CamScanner

6 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

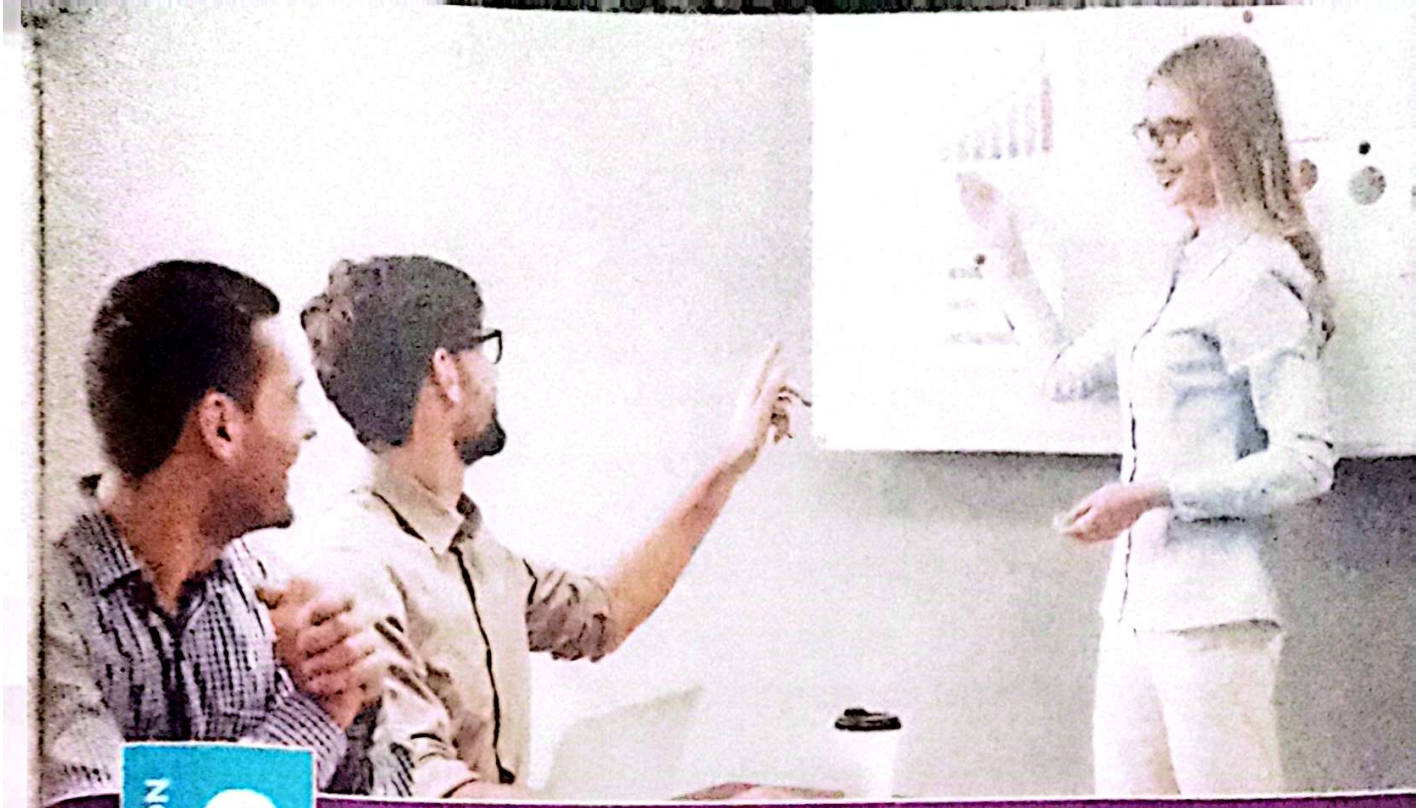
1. If the password is easy to guess, people can get into your account easily. ( )
2. It's recommended to tell the important passwords to your friends. ( )
3. The computer virus can infect your files or delete them. ( )
4. You shouldn't protect your device with anti-virus software. ( )
5. It is important to have a weak password. ( )
6. The Anti-virus software can fix the damaged files. ( )
7. To be safe online, use the same password to all your accounts. ( )
8. The computer virus can send an email to everyone on your computer. ( )

7 Read and circle the correct one.

It's important to create (**strong / weak**) password. If your passwords are easy to get, (**explorer / hackers**) can get into your computer or account.

8 Check (strong) or (weak) in the following passwords.

The password	Strong	weak
AaAaBC		
Aa@#1223$%		
1233132132		
AER#@$12332		
A123		
NBN%#121215		
152@%^W123		



LESSON 8

Practicing what you learned

Learn

- Researchers and scientists prepare digital reports about the subject of their studies using various programs like PowerPoint® or video.

يقوم الباحثون والعلماء بإعداد تقارير رقمية حول موضوع دراستهم باستخدام برامج مختلفة مثل برنامج العروض التقديمية الباوربوينت أو الفيديو.

- They sometimes make documentaries and post them on their personal blogs or publish them online.

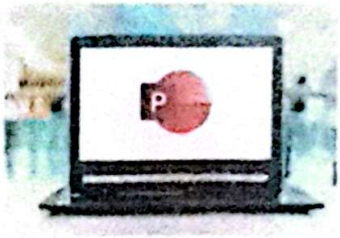
في بعض الأحيان يعدون أفلامًا وثائقية وينشرونها على مدوناتهم الشخصية أو ينشرونها عبر الإنترنت.

Different ways to prepare your digital report

1. PowerPoint presentations
2. Videos
3. Posters

programs برامج | presentation عرض تقديمي | publish ينشر
create ينشئ | documentaries أفلام وثائقية | prepare إعداد

1 PowerPoint® presentations عروض البوربوينت



- PowerPoint® is a microsoft program that creates a slideshow of the material you want to present.

هى برنامج من شركة مايكروسوفت يقوم بإنشاء عرض شرائح للمواد التى تريد تقديمها.

- PowerPoint® is a fun way to present your ideas to others.

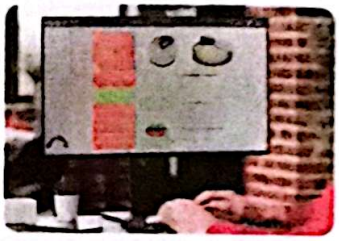
البوربوينت هى طريقة ممتعة لتقديم أفكارك.

- You can make text look interesting using WordArt®.

يمكنك جعل النص ممتعًا باستخدام WordArt®.

- You can also make your presentation appear like a book.

يمكنك أيضًا جعل عرضك التقديمى يبدو ككتاب.



- You can include a text, pictures and fun sound effects about your topic.

يمكنك تضمين النصوص والصور والتأثيرات الصوتية الممتعة حول الموضوع الخاص بك.

Pop Quiz

▶ **Choose the correct answer from a, b, c or d.**

1. 🕮 PowerPoint is a microsoft ..... .
   a. film **b.** movie **c.** program **d.** report
2. You can include ..... and pictures about your topic in your PowerPoint presentation.
   a. text **b.** fun sound effects **c.** pictures **d.** all of them

2 Videos مقاطع فيديو

- You can make your own video to present your research. يمكنك إنشاء الفيديو الخاص بك لتقديم البحث.

- You don't need film sets or expensive cameras to make a video.

لا تحتاج إلى مجموعات أفلام أو كاميرات باهظة الثمن لعمل فيديو.

topic موضوع | search بحث | idea فكرة
present يعرض | effects تأثيرات | slide show عرض شرائح
expensive باهظة | fun ممتع

CamScanner

- You can make one on a laptop, tablet, or cell phone.

يمكنك صنع واحد على جهاز كمبيوتر محمول أول جهاز لوحي أو هاتف محمول.

- You can record yourself for presenting your ideas.

يمكنك تسجيل نفسك وأنت تقدم أفكارك.

- You can interview others, and include them in your video, too.

يمكنك إجراء مقابلات مع الآخرين وتضمينهم في الفيديو الخاص بك ، أيضًا.

- You can add more details and fun effects with different sounds and images.

يمكنك إضافة المزيد من التفاصيل والتأثيرات الممتعة بأصوات وصور مختلفة.

- There is a special video software you can download to help you.

يوجد برنامج فيديو خاص يمكنك تنزيله لمساعدتك.

3 Posters الملصقات الإعلانية

- One fun, effective way to present your research is by creating a poster.

طريقة واحدة ممتعة وفعالة لتقديم بحثك عن طريق إنشاء ملصق.

- Choose fun colors when writing information that include art, like drawings, or photos, or cutouts.

اختر ألوانًا مرحة عند كتابة معلومات تتضمن فنًا مثل الرسومات أو الصور أو الأشكال.

- Always make sure that the text is large enough for others to read from a distance.

تأكد دائمًا من أن النص كبير بما يكفي ليقرأه الآخرون من مسافة بعيدة.

- Always present your ideas clearly. Also, always remember to credit your sources.

أعرض أفكارك بوضوح دائمًا. أيضًا تذكر دائمًا أن تقوم بتوثيق مصادرك.

distance	مسافه	interview	مقابلة	effective	فعالة		
sources	مصادر	details	تفاصيل	cutouts	أشكال/قص	135	

Stop here !

نقاط هامة وعبارات استرشادية تمكنك من تلخيص وإتقان الدرس.

استمع الى ملخص الدرس

Lesson Summary

- PowerPoint® is a Microsoft program that creates a slide show.

البوربوينت هو برنامج مايكروسوفت يقوم بإنشاء عرض شرائح.

- PowerPoint® is a fun way to present your ideas to others.

البوربوينت هى طريقة ممتعة لتقديم أفكارك للآخرين.

- You can make your own video to present your research.

يمكنك إنشاء الفيديو الخاص بك لتقديم بحثك.

- There is a special video software you can download to help you.

يوجد برنامج فيديو خاص يمكنك تنزيله لمساعدتك.

- Creating poster is an effective way to present your research.

إنشاء ملصق هى طريقة فعالة لتقديم بحثك.

How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Practicing what you learned	fun - ideas	PowerPoint is a fun way to present your ideas to other.
	make - present	You can make your own video to present your search.
	special - download	There is a special video software you can download to help you.
	enough - distance	Always make sure that the text is large enough for others to read from distance.
	credit - sources	Always remember to credit your sources.

CamScanner

General Exercises

On Lesson 8

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة

1. Previous Exams تدريبات من الامتحانات السابقة

1 **Choose the correct answer from a, b, c or d.**

1. WordArt in PowerPoint makes texts look ..... [الصبا - الصبا ٢٠٢٣]
   a. smaller b. interesting c. bad d. ugly
2. One of the programs that help to present your ideas in an interesting and attractive way, and add sound and image is ..... . [القرية - القرية ٢٠٢٣]
   a. Excel b. PowerPoint c. Word d. Windows
3. Researchers and scientists prepare digital reports about the subject of their studies using ..... . [القاهرة - حدائق القبة ٢٠٢٣]
   a. PowerPoint b. videos c. posters d. all of them
4. ..... is a fun way to present your idea as sound effects can be added. [الصوفية - شمس الكوم ٢٠٢٣]
   a. PowerPoint b. Word c. Excel d. Windows

2 **Put (✓) in front of the correct sentences and (✗) in front of the wrong one.**

1. PowerPoint software is a fun way to present ideas and results. ( ) [الصبا - سمالوط ٢٠٢٣]
2. Always make sure that the text is small enough in your poster. [الشرقية - الشرقية ٢٠٢٣] ( )
3. PowerPoint program is used to make presentations. [القليوبية ٢٠٢٣] ( )
4. You should always present your ideas clearly when presenting research. [أبي سويف - بنا ٢٠٢٣] ( )

3 **Complete the following sentences with the appropriate words between brackets.**

(Posters – software – PowerPoint)

1. ..... is a microsoft program that created a presentation . [البحيرة - إيتاي البارود ٢٠٢٣]
2. ..... include drawings, photos or cutouts. [الدقهلية - دكرنس ٢٠٢٣]
3. You can download video ..... to help you make videos. [الجيزة - كرداسة ٢٠٢٣]

2. El-Moasser Exercises تدريبات كتاب المعاصر

4 **Choose the correct answer from a, b, c or d.**

1. When creating a poster. Always make sure that the text is ..... enough for others to read from distance.
   a. small b. little c. large d. tiny

CamScanner

2. In PowerPoint, you can make text look interesting using ..... .
   a. Formatting tool
   b. WordArt
   c. coloring tool
   d. standard tool
3. In PowerPoint, you can add ... .
   a. texts pictures and sounds
   b. texts only
   c. sounds only
   d. pictures only
4. If you don't have a device for introducing your ideas, you can still present them effectively by using ..... .
   a. PowerPoint
   b. videos
   c. posters
   d. WordArt

5 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. PowerPoint is a Microsoft program that creates a slideshow of the material you want to present. ( )
2. The WordArt tool makes text more interesting. ( )
3. In PowerPoint, you can add video only. ( )
4. Researchers and scientists prepare digital reports about the subject of their studies using various programs like PowerPoint and videos. ( )
5. You can't use video to present the research. ( )
6. You need expensive cameras to make the video. ( )
7. There is a special video software you can download to help you to produce your video efficiently. ( )
8. By using posters, you can present your ideas effectively if you don't have access to a device. ( )

6 Read and circle the correct one.

My dad is a scientist. He prepares (**written / digital**) reports using PowerPoint program. He makes documentaries and post them on their personal (**blogs / TV**)

CamScanner

Revision

on Lessons 7 & 8

مراجعة عامة على الدرسين السابع و الثامن فى ورقة واحدة.

Lesson 7 : My personal digital safety plan

Creating strong passwords

- It is important to have strong passwords.
- If your passwords are easy to guess, people can get into your computer : or accounts.
- This is called hacking and the people who do it are called hackers.

Anti-virus software

A computer virus can cause big problems such as:

- sending an email to every one on your computer.
- Deleting your files.
- Choosing anti-virus software.
- You should always protect your devices with anti-virus software.
- Choose software that protects your device and is easy to use.
- A good anti-virus software catches viruses before they affect your device.
- It can also remove viruses that have already affected your device
- It can fix damaged files.

Lesson 8 : Practicing what you learned

PowerPoint

- PowerPoint : is a Microsoft program that creates a slideshow of the material you want to present.
- PowerPoint : is a fun way to present your ideas to other.
- You can make text look interesting using WordART.
- You can also make your presentation appear like a book.

Videos

- You can make your own video to present your search.
- You don't need film sets or expensive cameras to make a video.
- You can make one on a laptop, tablet, or cell phone.
- You can record yourself presenting your ideas.
- You can interview others, and include them in your video, too.
- You can add more details and fun effects with different sounds and images.
- There is a special video software you can download to help you.

CamScanner

General Exercises

On Theme 2

▸ If you got 🔴 you need to revise the lesson again.

فم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الوحدة مرة أخرى

ممتاز 🔵 جيد جدا 🟢 جيد 🟡 غير جيد 🔴

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Anika Ullah tried a dessert made from an unusual nut that she'd never heard of at a wedding. [القاهرة - المطرية ٢٠٢٣] ( )
2. Grounding truth is when you find out information indirectly from people or evidence. ( )
3. Spam messages may be an advertisement for a fake product. [الفيوم - غرب الفيوم ٢٠٢٣] ( )
4. 🕮 If someone makes you feel unsafe you can block this person. ( )
5. Always respect the law when using the internet. [الإسكندرية - العجمى ٢٠٢٣] [الأقصر - الأقصر ٢٠٢٣] ( )
6. It's no harm getting your friend's information without his permission. [القاهرة - حدائق القبة ٢٠٢٣] ( )
7. If you get a warning message, don't proceed to the site. [القاهرة - الشروق ٢٠٢٣] ( )
8. 🕮 The websites whose links .org have high credibility. ( )
9. All information on social media is reliable. [الإسكندرية - المنتزه ٢٠٢٣] ( )
10. Wiki is considered from the reliable sources of information. [الإسكندرية - المنتزه ٢٠٢٣] ( )
11. 🕮 Our devices are always with us, so it can be hard to escape online bullying. ( )
12. 🕮 Your identity, or family members may get stolen online. ( )
13. You should talk to your teacher or a family member about online problems. [الفيوم - غرب الفيوم ٢٠٢٣] ( )
14. Trusted adult in your life wants to help you when facing online problems. [البحيرة - كرداسة ٢٠٢٣] ( )
15. Anti-virus software is used to protect your computer. [الأقصر - الأقصر ٢٠٢٣] ( )
16. Strong passwords include letters and numbers only. [البحيرة - الدلنجات ٢٠٢٣] ( )
17. Anti-virus is necessary to protect your device. [القاهرة - المعصرة ٢٠٢٣] ( )
18. You can make your own video to present your research. [أسيوط - البدارى ٢٠٢٣] ( )
19. 🕮 Always present your ideas clearly. ( )
20. You can make your presentation appear like a book. [الأقصر - الأقصر ٢٠٢٣] ( )

2 Complete the following sentences with the appropriate words between brackets.

(positive – passwords – harmful – educational)

1. Viruses are one of the ..... things that infect the computer.
2. ICT tools have ..... and negative effects.

CamScanner

3. 🕮 Sites ended with (.edu) is an ..... one.
4. ..... must include symbols, numbers and special signs.

3 Choose the correct answer from a, b, c or d.

1. The ..... can be used as a powerful tool to communicate. [السويس ٢٠٢٣]
   a. keyboard b. internet c. book d. mouse
2. Anika Ullah is a ..... . [المنيا ٢٠٢٣]
   a. doctor b. teacher c. biologist d. guide
3. 🕮 Message calling for false advertisements on your e-mail are ..... .
   a. e-mails b. spam messages c. links d. posts
4. When you tag someone the tag provides ..... to the person's profile. [المنوفية - السادات ٢٠٢٣]
   a. opinions b. link c. password d. date
5. When searching for information, you can use a/an ..... . [القاهرة - الخليفة والمقطم ٢٠٢٣]
   a. search engine b. image c. sign d. message
6. ..... allows Egyptians to enter for free. [الأقصر - الأقصر ٢٠٢٣]
   a. Egyptian Knowledge Bank b. Gov
   c. Edu d. Org
7. 🕮 The ..... is the online library that includes accurate information.
   a. Gov b. EKB c. Wiki d. Edu
8. If someone makes you feel unsafe you can ..... that person. [الشرقية - الشرقية ٢٠٢٣]
   a. meet b. block c. talk d. help
9. ..... is the ability of some people to get into your computer. [القاهرة - المطرية ٢٠٢٣]
   a. Data b. Hacking c. Antivirus d. Safety
10. Always use ..... software to protect your devices. [القاهرة - المطرية ٢٠٢٣]
    a. anti-virus b. word processing
    c. PowerPoint presentations d. facebook
11. 🕮 The ..... program used to present ideas and results in an interesting way through slides.
    a. Excel b. PowerPoint c. Word d. Email
12. ..... is a Microsoft program that creates a slideshow of the material you want to present. [الدقهلية - منية النصر ٢٠٢٣]
    a. Word b. Excel c. PowerPoint d. Wordbook
13. When creating a poster. Always make sure that the text is ..... enough for others to read from distance.
    a. small b. tiny c. large d. medium

CamScanner

14. From the safety precaution of internet, use the ..... password to all your accounts.
a. same b. different c. weak d. strong

15. If it is difficult for you to remember all your passwords, you can use .....
a. password manager b. antivirus c. PowerPoint d. Excel

16. If someone obtains the password for your account on the social networking site, this is .....
a. organizing b. classification c. hacking d. kindness

17. (1) ..... is a Microsoft program that creates a slideshow of the material your want to present.
a. PowerPoint b. Word
c. Excel d. Google Chrome

4 Read and write the name of the app.

1. It's a Microsoft program that creates a slideshow of the materials you present. ( )
2. You can use your camera on a laptop, tablet or cell phone to make them. ( )
3. It's one fun, effective way to present your research using fun colors and drawings. ( )

5 Read and tick (✓) the correct one.

1. Hacking is
   - ☐ helping you to create new account.
   - ☐ When someone get into your account.
2. Strong passwords are
   - ☐ difficult to be guessed.
   - ☐ easy to be guessed.
3. Anti-virus is
   - ☐ a website damage your device.
   - ☐ a software catches viruses before they affect your device.

6 (1) Read and circle the correct one.

My mom warned me to use Wiki source and blogs because they're **(unreliable / reliable)**. So, we should make sure the data of the publication is **(current / old)** to be safe.

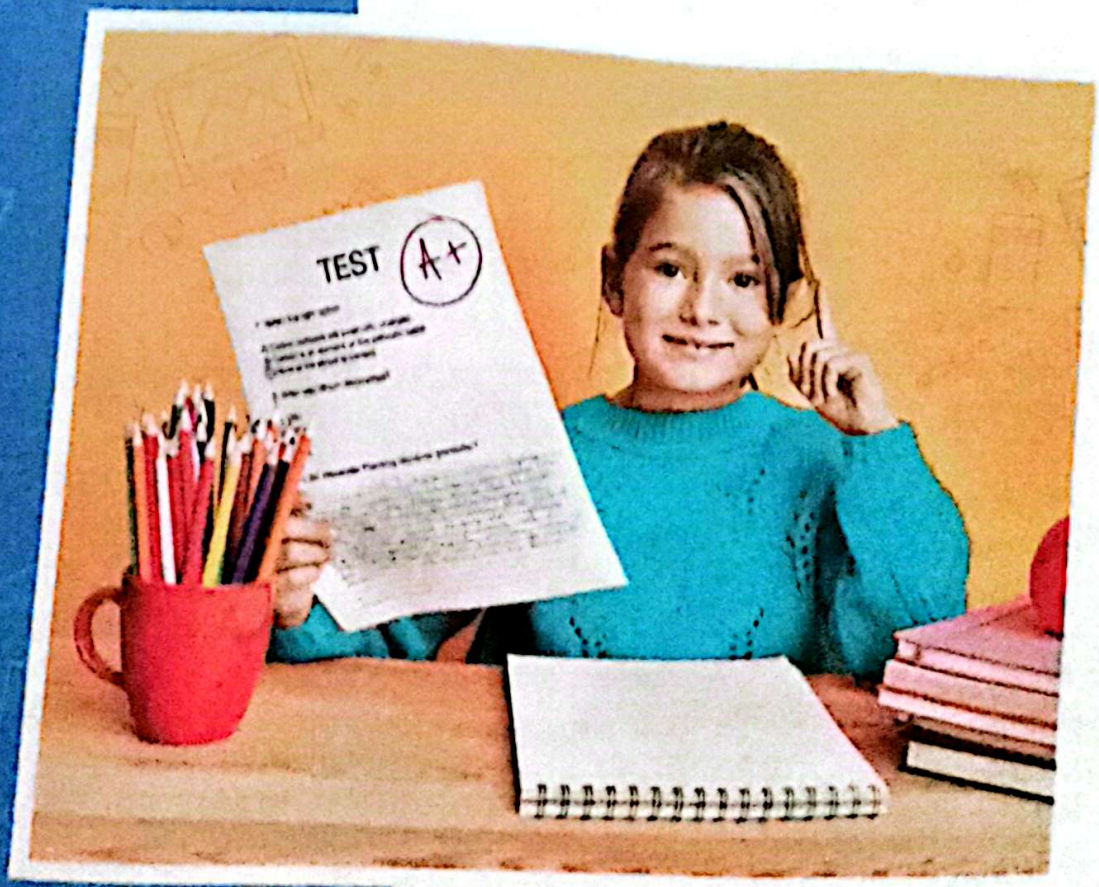
لوّن الدائرة باللون المناسب لسلوكك.

CamScanner

Part 2 Contents

El-Moasser Interactive Notebook

- Monthly Assessments 144
- Quick Look Theme 1 146
- Quick Look Theme 2 153
- 20 Governorates' examinations 158



CamScanner

Monthly Assessments

التقييمات الشهرية

1 October Test

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. If the mouse cursor isn't working, you must check cables connection. ( )
2. The G.P.R is used to find bodies underground. ( )
3. Electronic Devices were important for all people in the society in different life sides. ( )
4. The G.P.R is used for discovering the buried mummies in the pharaonic age. ( )
5. The Electronic Age expands to our present days because of the continuous inventions. ( )
6. We can operate the computer without an operating system. ( )
7. The assistive technology helps people of determination practice their daily life. ( )

2 Choose the correct answer from a , b, c or d.

1. ..... Devices enter the data into the computer.
   a. Input b. Output c. C.P.U d. Computer
2. ..... is considered one of the most famous operating system.
   a. Word b. Excel c. Windows d. Google
3. ..... is / are one of the inventions of the electronic Age.
   a. Electricity b. Pascaline
   c. Satellites d. Pictures and paintings
4. You can type a research or a report using ..... .
   a. Word b. windows c. Google Chrome d. downloads
5. ..... can change letters into raised dots so that we can read them by touching.
   a. Head phones b. Screen c. Braille terminal d. Artificial limbs
6. The electronic device which processes the data and changes them into information is the ..... .
   a. computer b. software c. printer d. keyboard
7. When you can't open the Excel programs first you must ..... .
   a. shut down the device b. update the program
   c. replace the program d. replace the keyboard
8. People of determination depend on ..... to make their daily life easy.
   a screen b. scanner
   c. assistive technology d. radar devices

CamScanner

2 November Test

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Spam mails are sent many times from unknown addresses. ( )
2. When you download a song to your device, you'll find it in the downloads file. ( )
3. E-mails are considered the must common to share data. ( )
4. When you collect information, make sure they are correct and accurate. ( )
5. In some search engine, you can use images instead of words in your search. ( )
6. If you block some one, they can't see your posts. ( )
7. You can send an e-mail without writing the recipient address. ( )

2 Choose the correct answer from a , b, c or d.

1. Copying a file from the internet to your computer is called ..... the file.
   a. uploading b. downloading c. blocking d. deleting
2. A cheap means of communication among people is ..... .
   a. video calls b. electronic blog c. spam d. e-mails
3. Messages which aim to steal your personal information or trick you are ..... .
   a. e-mails b. text messages
   c. electronic messages d. spam messages
4. When someone acts badly with you on the internet, you must ..... them.
   a. block b. send them a bad message
   c. speak to them d. send them photos
5. ..... is considered an important thing when we share information.
   a. Don't tell the source of the information
   b. Removing the source of the information
   c. Stealing data
   d. None of them
6. The app or program used to search on the internet is the ..... .
   a. browser b. results c. search engine d. printer
7. The ..... contains a lot of research and digital reports.
   a. e-mail b. internet c. video call d. photo
8. Your name and address are ..... .
   a. spam messages b. blogs c. personal data d. e-mails

CamScanner

THEME 1
Quick Look

An hour before the Exam

لخص في ساعة ما ستدرسه في ساعة واحدة قبل الامتحان

Important Points

أهم النقاط في المحور الأول

1 Albert Lin and the archaeologists tools :

1. Albert Lin is an explorer and archaeologist.
2. He uses different tools to explore archaeological sites without digging such as GPS and photographs from satellites and drones.
3. The archaeologists' tools save times, cost and effort.
4. GPR and Magnetometers locate things under the ground.

2 Ages of technology :

1. In the Pre-Mechanical Age, people started to communicate through pictures like hieroglyphics and later by words and numbers.
2. People recorded a tremendous amount of information in the Mechanical Age.
3. During Electro-Mechanical Age, electricity was first used.
4. The Electronic Age is considered the information explosion age.

3 Using of computer :

1. The computer is an electronic device for processing data.
2. We can use a computer to write documents, send emails, play games, edit or create data tables and browse the internet.
3. There are devices that are turned on and used via touch such as tablet.
4. We divide computer hardware into input device such as keyboard, mouse, microphone, camera and output device such as screen, speaker, Braille terminal, speech synthesizer and printer.

4 Computer operating system :

1. CPU controls what and how data is processed, it processes data and converts it to useful information.
2. Operating system enables us to use our computer such as Windows and Android.

CamScanner

5 Assistive technology :

1. Assistive technology helps people of determination with tasks that they find difficult.
2. Albert Lin has a limb difference, he uses a prosthetic leg that enables him to move and explore new places.
3. Stephen Hawking used assistive technology to help him communicate.
4. There are many types of assistive technology such as screen magnification, software, Hearing aids, Alternate communication software and speech synthesizer.

6 ICT tools :

1. ICT tools help to do a lot of tasks, research of information online and writing school reports using Microsoft Word.
2. When an app won't open, restart your computer and try again.
3. When the mouse cursor isn't working, make sure you connect the mouse cable to the correct place in the motherboard then restart your device.

7 ICT problems and solutions :

1. When you can't find file, check your downloads folder.
2. When your screen freezes, press and hold the "Ctrl", "Alt", and "Dell" buttons together.

8 Collecting, analyzing and graphic data :

1. You can collect data from a variety of sources such as books and articles, records, surveys and experiments.
2. When you analyze the data you've collected, you should review your findings and interpret what those findings mean.
3. Graphing Data compare different categories of information.

9 Reporting information :

- There are some ways archaeologists report their information such as blogs, published articles, interviews, social media sites, Email, TV programs, text message and video chats.

CamScanner

Important Definitions

أهم التعريفات فى المحور الأول

Word	Definition
Ground Penetrating Radar (GPR)	This radar can discover objects buried underground.
Global Positioning System (GPS)	This is a way to find the location of something using satellites.
Magnetometer	This measures a magnetic field. It can find metal underground.
Keyboard	To type on and tell the computer what to do and write letters and numbers.
mouse / touch screen	We can move things easily with it and directional data.
speaker	To allow people to hear you, sound and music.
camera	For people to see you, images and videos.
scanner	Input text and images from paper.
screen	Shows us what we are doing and visual information : text, images and video.
speaker	To hear others and audio.
Braille terminal	Text in Braille for blind people.
Speech Synthesizer	It is audio output device.
Printer	Output text and images on paper.
CPU	The central processing unit is a type of hardware, it controls what and how is processed.
Screen magnification	It is type of assistive technology allows these with visually impaired to interact with computer.
Hearing aids	Hearing aids help people who have trouble hearings models can now to connected to a person's mobile devices.
Alternate communication software	Alternate communication software help people with speech and language disabilities communicate with others and some computer programs can turn text to speech and speech to text.
Speech Synthesizer	It changes the words into an artificial voice so people can hear what I want to say.
Graphing Data	Graphing Data compare different categories of information such as Bar graphs.
Blogs	A website that contains personal notes and opinions and one person is responsible for it.
Published articles	They contain text, while some include images and information and allows and individual or group to express their opinions to their followers.

CamScanner

Social Media Sites	It is an undocumented source of information, allows you to view and share information with your friends.
Text Messages	Friends can use it as a way to communicate with each other.
Video chats	It is used to communicate through remote places with your friends by a camera and a microphone.

ICT tools

أدوات وأجهزة مستخدمة فى تكنولوجيا المعلومات

Archaeologists' tools

❶ Locate things **above the ground**

GPS

Satellites

Drone

❷ Locate things **under the ground**

Ground Penetrating Radar

Magnetometers

Types of computers

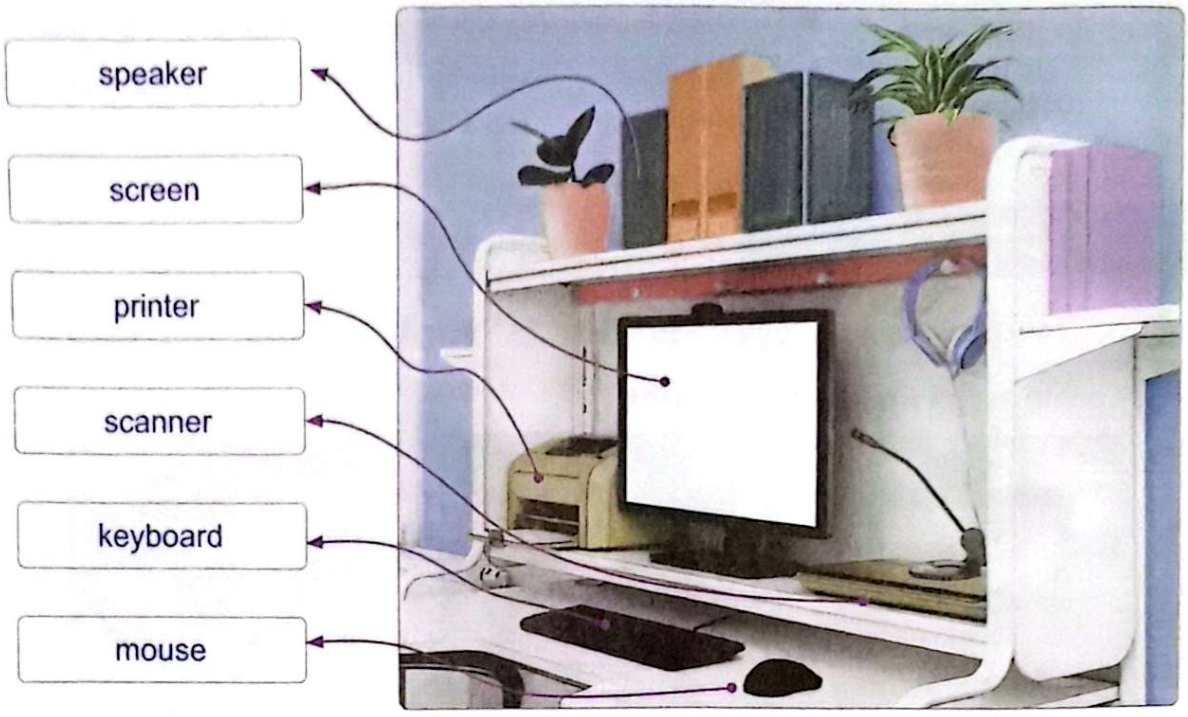
1. laptop

2. tablet

3. personal computer

CamScanner

Computer and its components



Input and Output devices

1 Input devices

keyboard

mouse / touch screen

microphone

2 Output devices

screen

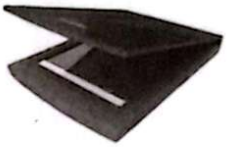
speaker

Braille terminal

camera

speech synthesizer

scanner

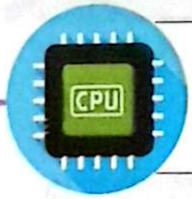


printer

The diagram below shows how data is processed in Microsoft© Word.

A student writes in Microsoft© Word.

The operating system sends data to the CPU.



The CPU processes the data.

The CPU sends information to the operating system.

The operating system receives the information and shows it on the screen.

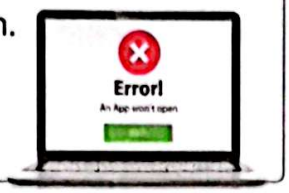
CamScanner

Some technological problems and solutions

بعض المشاكل التكنولوجية وحلولها.

Problem 1

An app won't open.



Solution

Restart your computer and try again.

Problem 2

The mouse cursor isn't working.

Solution

Make sure you connect the mouse cable to the correct place in the motherboard then restart your device.

Problem 3

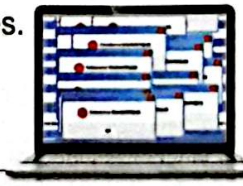
You can't find a file.

Solution

Check your downloads folder.

Problem 4

Your screen freezes.



Solution

Press and hold the "Ctrl"," Alt", and "Del" buttons together

Problem 5

The keyboard isn't typing.

Solution

Make sure you connect the keyboard cable to the correct place in the motherboard then restart your device.

CamScanner

THEME 2

Quick Look

An hour before the Exam

تمكن من مراجعة منهجك فى ساعة واحدة قبل الامتحان

Important Points

أهم النقاط فى المحور الثانى

1 The importance of the internet :

1. The internet can give us access to information on all kinds of information and is used to communicate with other people.
2. Google is the most popular search engine. We can type a question into a search engine to find answers quickly and easily.
3. While searching the internet. It is important to check the information because it may not always be correct.
4. To research something online, you should decide what information you want to find out.

2 Communicating online :

1. There are many ways to communicate online, we can use computers, phones and tablets.
2. People can communicate with each other using instant messaging emails direct messages and message forums.
3. Be careful, some people communicate online to steal personal information.
4. Personal information includes your address' name, and name of your school.

3 Unsafe websites :

1. You can block the unkind person; that person cannot see your posts or contact you.
2. When you see inappropriate website content, you should leave the site and tell your teacher or a family member.
3. Don't share personal data online to avoid spam messages.
4. Think carefully before you download files, some files have viruses.

4 Posting online :

1. When you tag someone, you identify that person in a post, photo, or video. Anyone who has access to your account can see the tag.
2. The tag provides a link to the person's profile. So it is important to make sure that the person you're tagging is OK with this.

CamScanner

5 Crediting others and Respecting the law :

1. When you're looking for information to post online or to include in a PowerPoint presentations it's important credit sources that provide you with information and let others know where the information you are sharing came from.
2. Whether you are positive online or researching topics be sure to respect the law.
3. Banned sites may publish inaccurate, immoral and harmful material.

6 Searching safely and smartly :

1. Choose browsers that warn users when they're about to enter an unsafe site or download a harmful app.
2. If you get a warning messages be sure to show your teacher or a family member and don't proceed to the site or with the download.
3. Some popular browsers have search engines set up just to children, they will only show results that are age-appropriate.
4. Choose child-friendly websites that include filters that help you avoid clicking on inappropriate videos.
5. To search smartly, you type longer phrases-not just a couple of words. This will help you get better results.

7 Unreliable online sources :

1. Social media apps and websites connect you to information you looking for.
2. Wiki sources and blogs are unreliable online sources.

8 Confirming reliable sources :

1. To confirm reliable, check the date of the publication is current and check the authors.
2. You can feel confident that the information provided by the EKB is reliable.
3. The Egyptian Knowledge Bank offered free access to their library to Egyptian citizens.

9 Online identity theft :

1. When you get stolen, they may have access to your social media accounts.
2. The Egyptian government is dedicate to protect you from online problems.
3. Online problems are common. You don't have to solve online problem on your own. Talk to your teacher or a family member about it.

CamScanner

10 Creating strong passwords :

1. It is important to have a strong passwords. Your password shouldn't include your name or other personal details.
2. Don't use the same password for all your accounts and use a password manager.

11 Anti-Virus software :

- To be safe online, you should install anti-virus softwares on your devices.

12 Digital reports, videos and posters :

1. Researchers and scientists prepare digital reports about the subject of their studies using various programs like PowerPoint or video.
2. You can make your presentation appear like a book include text, pictures and fun sound effects.
3. You can make your own video to present your research.
4. While creating a poster make sure that the text is large enough for others to read from a distance.

Important Definitions

أهم التعريفات فى المحور الثانى

Word	Definition
The internet	It is a powerful tool to communicate with other people and can give us access to information.
Google	It is the most popular search engine.
Anika Ullah	She is a biologist.
Personal information	It includes your address, name and name of your school.
Spam	- Spam mail includes unwanted messages to advertise products or gather more information from you. The messages may be also include viruses. - If an email includes an unfamiliar address, unknown links, or messages in ALL CAPITAL LETTERS, it might be spam.
Viruses	Viruses can damage your computer or be used to track your information.
The tag	The tag provides a link to the person's profile.
Banned sites	Banned sites may publish inaccurate, immoral and harmful material.
Parental control	Some popular browsers include a parental control app and helpful safety tips for children.

CamScanner

browser	A software application that is used for assessing information on the internet.
search engine	A software application that carries out web searches.
results	A list that is compiled based on a search.
Egyptian Knowledge Bank	Egyptian Knowledge Bank library contains materials on various subjects.
Bullying	It is repeated unkind behavior towards someone.
Hackers	They may use your personal information.
Hacking	It is the ability of some people to get into your computer or accounts. The people who do this are called hackers.
Anti-virus software	Anti-virus software catches viruses before affect your device and can fix damaged files.
PowerPoint®	- It is a Microsoft program that creates a slideshow of the material you want to present. - It is a fun way to present your ideas to other.
WordArt	We use in PowerPoint presentations to make text look interesting.
Posters	Effective way to present your research and ides.

The positive and negative effects of ICT tools

Pros of using ICT tools	Cons of using ICT tools
1. You can read the news with just a click of the mouse	1. You may come across something online that upsets you.
2. You can upload and download videos and photos and view them whenever you want.	2. You can get eye strain or headaches from using your devices too long.
3. You can communicate with friends and family anywhere in the world.	3. Some people may rely on searching on Google to answer all their questions- even though it doesn't always give the right answer !

CamScanner

If you are searching for information on an image.

Use the image instead of words in your search.	Use the camera button, and add your image.	Your teacher can help you.

Steps to search for information

Add a + sign before the word	If you need these words to be included in your search.
To avoid getting unwanted or unnecessary results	add a – before words you would like the search engine to avoid.
If you are searching for a particular phrase,	put the phrase inside quotation marks " ".

How to create strong password ?

Weak Password

Abdelaziz456 — Weak

abc123 — Weak

Strong Password

dQvl!4@vtM — Strong

Password*1 — Strong

A computer virus can cause big problems, such as

sending an email to everyone on your list.

deleting your files.

CamScanner

20 Governorates' examinations

عشرون اختبار من مختلف المحافظات

1 Cairo Governorate Zeitoun Zone

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one :

1. CPU is a type of software. ( )
2. You can download files on your device without an internet service. ( )
3. The Egyptian Knowledge Bank (EKB) is one of the reliable online sources. ( )
4. Good Antivirus Programs are used to Protect Your device from Risks that may affect it. ( )
5. The more difficult the password for your account ,the greater the risk of being hacked by others. ( )

2 Choose the correct answer from a , b or c :

1. ..... is used as a means of communication in modern times.
   a. E-mail b. Pencils c. Pens
2. The camera and microphone are used in ..... .
   a. published articles b. text messages c. video calls
3. Screen zoom software is used to help people who suffer from ..... .
   a. bearing impairment b. visual impairment c.limb loss
4. ..... is used to copy paper inside the computer.
   a. Display screen b. Scanner c. Speech installer
5. Entering of unknown people to your account on the internet is called ..... .
   a. bullying b. hack c. download files

3 Complete the following sentences with suitable words between brackets :

(Word – GPS – Operating system Windows – Hearing aids – Kids Search – Restart the device)

1. Tourists depend on ..... to determine the location.
2. ..... is necessary to operate any computer.
3. You can write your CV or your research using ..... program.
4. ..... helps people who suffer from hearing problems.
5. ..... in case you couldn't open an application, you should ..... .

CamScanner

2 Cairo Governorate El Khalifa & Mokattam

1 Tick (✓) or (✗):

1. Global position system (GPS) connects to satellites to determine location. ( )
2. Scanner is used to print images from your computer on paper. ( )
3. When you block someone, they cannot communicate with you. ( )
4. Internet helps us in finding the information we want. ( )
5. Screen zoom software helps people with visual difficulties. ( )

2 Complete the blanks with suitable word:

(E-Mail – Personal information – Video calls – Word – CPU)

1. ..... includes your name, address and your date of birth.
2. ..... program is used to write report.
3. The ..... is responsible for processing data.
4. Text messages are sent and received via the internet through ..... .
5. ..... are used to communicate with audio and image.

3 Choose the correct answer:

1. ..... enables me to write letters and numbers.
   a. Keyboard b. Mouse c. Microphone
2. ..... helps people who suffer from hearing problem.
   a. Screen zoom software b. Hearing aids c. Scanner
3. One of the most popular social media sites is ..... .
   a. Google b. E-mail c. Facebook
4. Unwanted message may include viruses, it is called ..... .
   a. spam b. social media c. Excel
5. The era of the electronic revolution was characterized by the existence of ..... .
   a. pencils b. laptop c. printer

3 Giza governorate Al-Badrashin Educational Administration

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one :

1. Archaeologists use ground penetrating radar to find objects above the ground. ( )
2. Scanner is used to print images from your computer on paper. ( )
3. Internet helps us in finding the information we want. ( )

CamScanner

4. Assistive technology is a technology that helps people of determination go about their daily lives. ( )
5. If you can't find a file, you should restart your computer. ( )

2 Complete the following statements with the appropriate words in brackets:

(e-mail - screen zoom software - eye fatigue - calculator - CPU)

1. ..... helps people with visual impairment read e-books and e-magazines.
2. Spending a lot of time using technology causes ..... .
3. A means of communication and exchanging messages among work members, which is ..... .
4. Pascaline machine is the first version of ..... .
5. ..... controls data and the way it is processed.

3 Connect from column (A) what matches from column (B):

(A)	(B)
1. It enables me to locate the places I am interested to visit	a. Wheel chair
2. It enables me to write letters and numbers	b. Camera
3. It helps me to move if I have a prostheses	c. GPS
4. It enables me to enter my photo at the present	d. Personal data
5. It includes my name, address and date of birth	e. Keyboard

4 Alexandria Governorate — Agamy Educational Administration

1 Put (✓) or (×) in front of the following:

1. Magnetometer is used to discover metals underground. ( )
2. Block is considered one of the ways to communicate with friends. ( )
3. One way to report data through E-mail. ( )
4. You should respect the law while using the internet. ( )
5. Albert line is an archaeologist. ( )

2 Choose the right words between brackets:

1. ..... is used in the electronic age.
   a. Drawing letters b. E-mail c. Pascaline
2. You can use ICT tools in every day is a ..... effect.
   a. positive b. low c. negative

CamScanner

3. All of the following are input units except ..... .
   a. mouse b. keyboard c. screen
4. ..... software helps people with poor vision.
   a. Word b. Screen magnification c. Excel
5. You can use ..... to express your personal opinions.
   a. GPR b. GPS c. blog

3 Complete with a suitable term:

(Anti-virus – search engine – spam – CPU – EKB)

1. ..... is used to process data.
2. We can use ..... to protect your device from viruses.
3. One of the reliable sources of information is ..... .
4. ..... includes unwanted message.
5. ..... helps in search for different information.

5 Qalyoubia Governorate — Benha Educational Administration

1 Choose the correct answer :

1. A program that the students use to write is ..... .
   a. PowerPoint b. Word c. Google Chrome
2. ..... is a domain for educational website.
   a. Gov.eg b. edu.eg c. mil.eg
3. The camera and microphone are used in ..... .
   a. published articles b. text messages c. video calls
4. ..... is used as a mean of communication in modern times.
   a. E-mail b. Pencils c. Pens
5. Messages for unreal advertisements on your email are ..... .
   a. download files b. spam c. personal data
6. ..... is a device that allows non-speakers to speak.
   a. Scanner b. Printer c. Speech Synthesizer
7. One of the strongest passwords is ..... .
   a. mostafa b. Ahmed@3# c. 12345678

2 Complete the following sentences with suitable words :

(Medical hearing aids – Blocking someone – Screen – Pascaline machine – quotation marks" " – harmful)

1. The ..... displays information (texts, photos, videos).

CamScanner

2. ..... prevents this person from seeing your posts.
3. ..... helps people with disabilities who suffer from hearing problem.
4. To get specific search results, you have to add ..... to the sentence.
5. The era of mechanical revolution was characterized by .....
6. Viruses are one of the ..... things that infect the computer.

3 Put (✓) or (×) in front of the following sentences :

1. GPS is used to find places you might need to visit. ( )
2. PowerPoint program is used to make presentations. ( )
3. The printer is responsible for processing data. ( )
4. The Egyptian Knowledge Bank "EKB" website is an untrusted source. ( )
5. Magnetometer enables us to discover minerals underground. ( )

6 Sharkia Governorate — East Educational Administration

1 Complete the following sentences with suitable words between brackets:

(Pictures – block – Braille – upload and download – Browser)

1. If you do ..... to someone, that person will not be able to contact you or view your account.
2. From positive effects of ICT tools, you can ..... the videos and photos.
3. In the era before mechanical revolution people communicated each to other through .....
4. ..... is a software application that is used for accessing information on the internet.
5. Terminal ..... helps a blind people to interact with computer.

2 Put (✓) in front of the correct sentence and (×) in front of the wrong sentence:

1. Microsoft PowerPoint programs a fun way to present your ideas to others. ( )
2. You can find out information by talking to people directly, or by finding information online. ( )
3. The first computer appears in the era of the electric revolution to entertain people in their daily lives. ( )
4. You may want to ignore results some key words, this can help you avoid getting unwanted or unnecessary result type + before the words. ( )
5. The Egyptian Knowledge Bank reliable source of information because all information has been verified as accurate. ( )

CamScanner

3 Match from Column (A) with a match from Column (B) :

(A)	(B)
1. Windows	1. provides a link to the person's profile.
2. Allows output of audio	2. is repeated unkind behavior towards someone.
3. Bullying	3. will include letters, numbers, and special characters.
4. The Tag	4- it is computer operating system.
5. A strong password	5. speaker.

7 Menofia Governorate — Quesna Educational Administration

1 Put (✓) in front of the correct statement and (✗) in front of the incorrect statement in the following:

1. The Egyptian Knowledge Bank website is a source of trust in terms of content. ( )
2. There are unknown people on the means of communication who want to communicate for the purpose of stealing data. ( )
3. Share your password with your teacher safety on the internet. ( )
4. The printer converts the paper file into a digital file. ( )
5. The computer is faster than the human in completing tasks ( )
6. The taxi driver relies on the GPS (Global Positioning System) device. ( )

2 Write next to the sentences in group (B) the appropriate number from group (A) :

(A)	(B)
- Video chats	1. hardware.
- Assistive technology	2. software.
- They are tangible things of different type and shape	3. it is used by people of determination to do daily work.
- Needed by the user to interact and use the computer.	4. webcam.

3 Put the correct word in place of the dots:

(CPU – Google – Keyboard – The drawing chart – Social Networking)

1. ..... is considered one of the most popular search engines that help in obtaining information.
2. ..... a way to display the data in an easy and summarized manner.

CamScanner

3. ..... a means that helps to communicate with friends around the world.
4. ..... from input devices.
5. ..... responsible for processing data.

8 Gharbia Governorate — Samanoud Educational Administration

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one :

1. Screen magnification software helps people with visual difficulties. ( )
2- Input devices in computer work on processing data. ( )
3- Information is the final result we get after processing the data. ( )
4- Books and magazines are sources of data collection. ( )
5- CPU is a type of software. ( )

2 Choose the correct answer from a,b or c :

1. ..... is a way that converts letters into prominent symbols that can be read by touching
   a. Earpiece b. Screen c. Braille
2. ..... is used as a means of communication in modern times.
   a. E-mail b. Pencils c. Pens
3. ..... is used to copy paper inside the computer.
   a. Display screen b. Speech installer c. Scanner
4. The component responsible for entering the data for the computer is the ..... .
   a. keyboard b. CPU c. printer
5. ..... are used to communicate with audio and image.
   a. Video calls b. Digital articles c. Digital blogs

3 Complete the following sentences with suitable words between brackets :

(Egyptian Knowledge Bank – e-mail – screen zoom software – eye fatigue – CPU)

1. ..... helps people with visual impairment read e-books and e-magazines.
2. Spending a lot of time using technology causes ..... .
3. A means of communication and exchanging messages among work members, which is ..... .
4. ..... controls data and the way it is processed
5. ..... is one of the reliable digital sources on the internet.

CamScanner

9 Dakahlia Governorate — Dekernes Educational Administration

1 Choose the correct answer from a, b or c :

1. ..... includes your name, address and your date of birth.
   a. Personal data b. Spam c. Download
2. The component responsible for entering the data for the computer is the .....
   a. printer b. CPU c. keyboard
3. ..... is used to write report.
   a. Screen zoom software b. Word program c. Medical hearing aids
4. ..... is used to search on the internet.
   a. Spam b. Video Call c. Browser
5. The speaker allows ..... .
   a. printing papers b. output sound c. output photo

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one:

1. You can collect data from many different sources. ( )
2. The Egyptian Knowledge Bank is one of the trusted digital sources. ( )
3. Information is the final result we get after processing the data. ( )
4. If you can't find a file, you should restart your computer. ( )
5. Input devices in computer work on processing data. ( )

3 Complete the following sentences with suitable word between brackets:

(quotation marks – GPS – Operating system – eye fatigue – Posters)

1. ..... is considered a necessity to allow any computer device to work.
2. Tourists depend on ..... to determine the location.
3. Spending a lot of time using technology causes ..... .
4. To get specific search results, you have to add ..... to the sentence.
5. ..... includes drawing photos or cutouts.

10 Behera Governorate — Eldelingat Educational Directorate

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. Strong passwords include letters and numbers only. ( )
2. The Internet enables us to access all kinds of information. ( )
3. E-mail is a means of communication and data sharing. ( )

CamScanner

4. Screen enlargement software helps visually impaired people. ( )
5. Books and magazines are not sources of data collection. ( )

2 Choose the correct answer from a, b or c:

1. Tourists rely on ..... to locate different places.
   a. GPS positioning system b. printing machine c. Pascaline's machine
2. Electricity was used for the first time in the age of ..... .
   a. Before the Mechanical Age b. The Electrical-Mechanical Age
   c. Mechanical Age
3. One of the devices that you need to type on the computer is ..... .
   a. keyboard b. microphone c. speakers
4. ..... is processing data.
   a. scanner b. screen c. CPU
5. When the screen stops displaying data and information, press ..... .
   a. Del + Alt + Ctrl b. Alt + Del + Tab c. Del + Tab + shift

3 Complete the following sentences with suitable words between brackets

(Signs " " – Eyestrain – Anti – Cyber Crime Department – Download – Egyptian Knowledge Bank)

1. You can contact ..... when you are exposed to a risk on the Internet.
2. When you ..... file you save it on your device.
3. ..... is a trusted digital resource on the internet.
4. Spending too much time using technology causes ..... .
5. If you are looking for a specific sentence, you should put ..... .

11 Ismailia Governorate — Ismailia Education Directorate

1 Choose the correct answer from the following options:

1. Your friend sent an email containing his location, which means that he used:
   a. Ground penetrating radar b. magnetometer
   c. positioning device gps d. alternative communication software
2. A device that detects underground objects.
   a. computer b. magnetometer
   c. global positioning device gps d. penetrating radar device
3. It is used in modern times as a means of communication.
   a. Paper letters b. E-mail
   c. Pascaline writing contracts

CamScanner

4. A device that allows non-native speakers to speak.
   a. speech synthesizer b. speakers
   c. display screen d. scanner
5. Your friend sent you an e-mail with a file attached. You must ..... .
   a. opening the message and downloading the file
   b. calling and checking if he sent it
   c. deleting the message
   d. blocking the message's owner

2 Write the number of terms in column (A) next to the appropriate terms in column (B):

(A)	(B)
1. Download files (Downloads)	- One of the ways to communicate with your colleagues or friends (on the internet - your phone ....)
2. blocking (block)	- include your name, email address, date of birth, and address.
3. Spam messages(Spam)	- The ability to keep files on your device and access them again at any time without the need for the internet.
4. Personal information.	- Allows you to prevent unwanted people from viewing your personal data.
5. Instant text messages (instant messaging)	- Harmful viruses that may infect your device as a result of entering an unknown site.

3 Write the word true in front of the correct statement and the word false in front of the incorrect statement :

1. The operating system is not necessary to run the computer. ( )
2. All websites on the internet are reliable. ( )
3. One of the advantages of information and communication technology is to help people of determination. ( )
4. Restarting the device helps solve most problems. ( )
5. One of the output units is the keyboard and camera. ( )

12 Suez Governorte Directorate of Education

1 Put (✓) in front of the right phrases and (×) in front of the false one:

1. Books and magazine are sources of data collection. ( )
2. Information is the final result after processing the data. ( )
3. CPU is a type of software. ( )

CamScanner

4. Word processing is a type of device. ( )
5. The websites whose links (.edu) have high credibility. ( )

2 Complete the following sentences with suitable words:

(Medical hearing aids-quotation mark- Screen- eye fatigue- Microphone)

1. The ..... display information (texts, photos, videos).
2. ..... helps people with disabilities who suffer from hearing problems.
3. ..... enable to enter sounds into computer.
4. Spending a lot of time using technology causes ..... .
5. To get specific search results, you have to add ..... to the sentence.

3 Match from column (A) that suits it from column (B) :

(A)	(B)
1. Downloading from the internet to your device	Browsers
2. Is used to search on the internet	Download
3. Output audio data	Video calls
4. Help you to protect your device from damage that may harm it	Speaker
5. Is used to communicate with your friends	Antivirus programs

13 Fayoum Governorate — West Fayoum Educational Administration

1 Put (✓) or (×):

1. You can access the "Egyptian Knowledge Bank" (EKB) library. ( )
2. The taxi driver depends on the global positioning system (GPS) in his work. ( )
3. E-mail is considered personal information. ( )
4. The magnetometer is used to locate cities buried underground. ( )
5. Spam messages may be an advertisement for a fake product. ( )

2 Choose the correct answer :

1. Technology that helps people of determination to carry out their daily tasks easily ..... .
   a. life technology b. assistive technology c. operating system
2. ..... is the easiest way to display search results and opinion polls.
   a. Presentation b. Word file c. Chart

CamScanner

3. Must be present .....in video chats.
   a. camera, mic and internet b. paper c. games
4. Before posting any information on social media, you must consider .....
   a. do you harm anyone ? b.is its content good?
   c. all of above
5. An e-mail can be sent if there is a ..... .
   a. ordinary mail b. internet c. windows

3 Complete the following sentences:

(Central processing unit - Strong password - Google - The era of the mechanical revolution - Social media)

1. To keep save your security while using the internet, you must choose..... .
2. A way to help communicate with friends around the world ..... .
3. Responsible for data processing is ..... .
4. The pascaline machine was invented in ..... .
5. It is considered one of the most popular search engines that help to access information ..... .

14 Beni Suef Governorate — Al Wasta Educational Administration

1 Put (✓) in front the correct sentence and (✗) in front of the wrong one :

1. A computer is a machine process data into valuable information. It also has the ability to store and retrieve them. ( )
2. The magnetometer device is used to discover metals buried in the ground. ( )
3. The traveler uses the global positioning device (GPS) while traveling from one town to another. ( )
4. E-mail is used to share data and communication among friends. ( )
5. One of the dangers of the internet is that others can use your personal data. ( )
6. The operating system is not necessary to deal with the computer. ( )
7. Drones used in discovering a region by the pilot's control over it while he is on the surface of the earth. ( )

2 Choose the correct answer :

1. ..... helps us in finding the information we want.
   a. Internet b. E-mail c. GPS

CamScanner

2. ..... is one of the digital sources which enables you to get information.
   a. Electronic Books b. Interviews c. Spam
3. ..... includes your name, address and your date of birth.
   a. Personal data b. Spam c. Download
4. You shouldn't communicate with ..... on social media sites.
   a. your school friend b. a friend of you
   c. unknown person wants to share your information
5. One of the advantages of ICT tools is ..... .
   a. data theft b. helping people with disabilities
   c. overuse of electronic devices
6. Your friend sent you a friend request on a social networking site, you must .....
   a. close the device b. delete the friend request
   c. check his identity
7. ..... is a way that converts letters into prominent symbols that can be read by touching.
   a. Internet b. Speech Synthesizer c. Braille
8. ..... is used to express your personal opinions on the internet.
   a. Digital blog b. E-mail c. GPS

15 Minia Governorate — Deir-mawas Educational Directorate

1 Put (✓) in front of the correct statement and (×) in front of the wrong statement:

1. Social media is the best way to reach accurate information. ( )
2. The magnetometer is used to determine places via satellites. ( )
3. Screen helps in processing data. ( )
4. The Central Processing Unit (CPU) is a type of software. ( )
5. When someone is blocked, they can see your posts. ( )

2 Choose the correct answer from the brackets:

1. One of the most popular social networking sites ..... .
   a. e-mail b. Google c. Facebook
2. ..... are used to communicate with audio and image.
   a. Video calls b. Digital articles c. Digital blogs
3. The speaker allows ..... .

CamScanner

a. input audio data b. output audio information
c. printing papers

4. The ..... is responsible for processing data.
a. printer b. screen c. CPU

5. One of the strongest passwords ..... .
a. mostafa b. Ahmed@3# c. 12345678

3 Match from column (A) that suits it from column (B) :

(A)	(B)
1. Keyboard	a. outputs audio data.
2. Speaker	b. view visual data as images.
3. Screen	C. is used to communicate with your friends audio-visually.
4. Personal information	d. inputs Letters and Numbers.
5. Video calls	e. like Name, Address and birthdate.

16 Assiut Governorate — El-Qussia Educational Directorate

1 Put (✓) or (×) :

1. Social media is a way to report information by writing posts and comments Online. ( )
2. Anika Ullah find that eating too many of these nuts cause Cancer. ( )
3. Ms word is the best software that can be used to analyze data. ( )
4. Facebook is the best way to collect information. ( )
5. If someone makes you feel unsafe, you can block this person. ( )

2 Choose the correct answer:

1. The era of the electronic revolution was characterized by the existence of ..... .
a. laptop b. printer c. hierographic symbols

2. ..... helps people with visual impairment to read e-books.
a. Hearing b. Screen Zoom c. CPU

3. ..... enables me to locate the places I am interested to visit.
a. GPR b. GPS c. Rockets

4 Screen zoom software is used to help people who suffer from ..... .
a. hearing impairment b. visual impairment c. limb loss

5. Pascaline machine is the first version of .....
a. calculator b. printer c. GPS

CamScanner

3 **Complete the following sentences :**

(Word program - Speech synthesizer - Operating system - Camera - Scanner - printer)

1. ..... is used to copy paper inside the computer.
2. ..... is a device that allows non-speakers to speak.
3. One of the attached devices that you use during video calls is the ..... .
4. ..... program is used to write reports.
5. ..... is necessary to operate any computer.

17 Qena Governorate — Dishna Educational Administration

1 **Put (✓) in front the correct statement and (×) in front of the false statement :**

1. All information on social media is reliable. ( )
2. When you share information, its source must be credited. ( )
3. One of the advantage of the graph is easy to read the results. ( )
4. Spam includes unwanted messages. ( )
5. The search engine is used to find the answer to a question easily. ( )
6. Screen magnification software is an assistive technology. ( )
7. Communicating with an unknown person may expose you to bullying. ( )

2 **Choose the correct answer:**

1. To share data via internet we use ..... .
   a. email b. excel c. word
2. You can ..... from the internet and save it on your device.
   a. download a file b. block your friend c. delete a file
3. When searching for a specific sentence, we put this sentence between two signs ..... .
   a. + b. – c. " "
4. ..... program is used to write reports.
   a. Screen zoom software b. Word program
   c. Medical hearing aids
5. Your name and address are considered as ..... .
   a. spam b. blogs c. personal information
6. ..... is considered from unreliable digital sources.
   a. wiki b. EKB c. gov

CamScanner

7. When you ..... someone, he can't communicate with you.
   a. blocking b. sharing
   c. sending a friend request
8. ..... peoples started to communicate through pictures, like hieroglyphics.
   a. The mechanical age b. The pre-mechanical
   c. The electro-mechanical age

18 Sohag Governorate — Juhayna Educational Administration

1 Choose the correct answer from following option:

1. Do ..... by converting letters into raised symbols that can be read by touch.
   a. earbuds b. screen c. braille
2. It is used ..... as a means of communication in the modern era.
   a. e-mail b. pencils c. pens
3. The era of the electronic revolution was marked by the emergence of ..... .
   a. laptop b. typing machine c. Hieroglyphic symbols
4. Software allows screen enlargement ..... .
   a. seeing information b. hearing information c. printing papers

2 Put a tick (✓) in front of the correct statement and a cross (×) in front of the incorrect statement in the following:

1. Input devices in a computer process data. ( )
2. Screen magnification software helps visually impaired people. ( )
3. The ground penetrating radar device is used to find objects under the surface of the earth. ( )
4. The internet helps us find the information we want to obtain. ( )

3 Complete the following sentences with the appropriate words in brackets:

(Egyptian Knowledge Bank – screen enlargement programs – calculator – Central Processing Unit (CPU)).

1. help ..... people who visually impaired people read electronic books and magazines.
2. Pascaline machine is the first version of ..... .
3. It works ..... to control the data and the way it is processed.
4. It is ..... from the trusted digital resource on the internet.

CamScanner

4 Pray from the column (A) by matching from column (B):

(A)	(B)
a. the camera	1. It enables me to select the places I want to visit.
b. the password	2. Enables me to enter my picture at the present time.
c. GPS	3. It includes symbols, numbers and special signs.

19 Luxor Governorate — Luxor Educational Administration

1 Put (✓) or (×):-

1. All information on social media is reliable. ( )
2. Always respect the law when using the internet. ( )
3. Websites whose links include (.edu) and (.gov) have credibility. ( )
4. Antivirus software is used to protect your computer. ( )
5. When you block someone, he can see your post. ( )

2 Choose the correct answer:

1. Your name and address are considered as ..... .
   a. spam b. blogs c. personal data
2. ..... is used to communicate with sound and image.
   a. Video chats b. Digital articles c. Blogs
3. One of the devices that you use during video chats is ..... .
   a. printer b. scanner c. camera
4. Before you express the data in a graph, you must ..... .
   a. share it with others b. analyze it c. delete it
5. ..... is entering unknown persons to your account on the internet.
   a. Bullying b. Hacking c. Download files

3 Complete the following sentences:

(Google – books – Spam – Egyptian Knowledge Bank – Facebook – Eye strain)

1. The most popular social media sites is ..... .
2. ..... are allowed Egyptians to enter for free.
3. Unwanted message may include viruses is called ..... .
4. Spending too much time using technology causes ..... .
5. The search engine ..... is one of the most popular search engines.

CamScanner

20 Aswan Governorate — Aswan Educational Administration

1 Choose the correct answer from a , b or c.

1. ..... is a way that converts letters into prominent symbols that can be read by touching.
   a. Earpiece b. Screen c. Braille
2. It is preferable to ..... after repairing or reinstalling the mouse to the device.
   a. connect the power charger to the device
   b. check electrical connections
   c. restart the device
3. ..... is used to express your personal opinions on the internet.
   a. Digital blog b. E-mail c. GPS
4. Messages calling for unreal advertisements on your email are ..... .
   a. download files b. spam c. personal data
5. Information is considered the processing product of ..... .
   a. data b. digital blogs c. e-mail
6. ..... program is used to write CV (Resume).
   a. Screen magnification b. Word program
   c. Speech synthesizer
7. ..... is a device that allows non-speakers to speak.
   a. Scanner b. Printer c. Speech Synthesizer
8. From the advantages of ICT tools ..... .
   a. Bullying your friends b. Helping people of determination
   c. Excess usage of electronic devices

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Input devices in computer work on processing data. ( )
2. The Ground penetrating radar is used to detect underground bodies. ( )
3. You can download files on your device without an internet service. ( )
4. The pascaline, is an example of technology from the Pre-Mechanical Age. ( )
5. If you can't find a file, you should restart your computer. ( )
6. It is preferable to use a different password for each account you have on the internet. ( )
7. Books and magazines are sources of data collection. ( )

CamScanner